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Search Report
EIC 2100

STIC Database Tracking Number: 247998

To: YEMANE MESFIN
Location: RND-4C71
Art Unit: 2144
Friday, January 11, 2008

Case Serial Number: 09/474418

From: CAROL WONG
Location: EIC2100
RND-4B28 / RND-4A30
Phone: (571)272-3513

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Search Notes

Examiner MESFIN:

Attached are the search results for your case. Due to the F&F time limitation, only the foreign patent files and NPL abstract files were searched. Pls submit another request if a search of the remaining NPL full-text files is needed.

Color tags mark the patents/articles which appear to be most relevant to the case. Color of tag has no significance. Pls review all documents, since untagged items might also be of interest.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case.

Thx, Carol

sira
Search and Information Resources Administration

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File 347:JAPIO Dec 1976-2007/Jul(Updated 071031)
         (c) 2007 JPO & JAPIO
File 350:Derwent WPIX 1963-2008/UD=200802
         (c) 2008 The Thomson Corporation

Set     Items   Description
S1    1820663   REMOTE?? OR DISTAN??? OR REMOVED OR OFF
              E? OR ELSE()WHERE? ? OR FAROFF OR FARAWAY (
              YING OR (OFF OR OUT)()LYING
S2       2596   FAR()(OFF OR AWAY)
S3      54817   (OFF OR INDEPENDENT? OR ANOTHER OR OTHER
              (SITE? ? OR LOCATION? ? OR PLACE? ? OR LOCA
S4      46344   S1:S3(5N)(DIAGNOS? OR DX? OR EVALUAT? OR
              AIS? OR ASSESS???? OR ANALYS? OR ANALYZ? OR
              NANC? OR MAINTAIN? OR REPAIR???)
S5      77128   S1:S3(5N)(FIX??? OR INSPECT? OR MONITOR? OR TRACK? OR TROU-
              BLESHOOT? OR TROUBLESHOT? OR TROUBLE()(SHOOT? OR SHOT? ?) OR -
              TEST? ? OR TESTED OR TESTING OR DEBUG?)
S6          3   S1:S3(5N)DE()(BUG??? OR BUGG???)
S7      55340   (PROXY? OR INTERMEDIA? OR MEDIAT?)(5N)(INTERFAC??? OR CONN-
              ECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLIN-
              K?)
S8      89407   IPAQ? ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR
              PDA OR PDAS OR HANDSPRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR
               PALMTOP? ? OR PALM? ?
S9       3539   PALMONE? OR NEWTON? ? OR BLACKBERRY? OR TREO OR PALMSIZE? -
              OR PALMHELD?
S10     12142   (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?) OR
              POCKETPC? OR PENTOP? ?
S11     65464   PERSONAL()INFORMATION()MANAGER? OR PERSONAL()(DIGITAL OR D-
              ATA OR ENTERTAIN?)()(ASSISTANT? ? OR ORGANI?ER? ?)
S12     65008   ELECTRONIC()ORGANI?ER? ? OR DIGITAL()ASSISTANT?
S13    322923   (SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR
              WIRELESS? OR WIRE()LESS?? ? OR HANDHELD OR HAND()HELD OR POCK-
              ET OR IR OR INFRARED)(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER?
              ? OR DEVICE? ? OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI-
              ?ER? OR TERMINAL? OR APPLIANCE?)
S14       755   PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -
              APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -
              OR COMPUTER? ?)
S15     13268   PORTABLE()ELECTRONIC()DEVICE? ? OR PED  OR PEDS
S16    129092   NOTEBOOK? ? OR NOTE()BOOK? ? OR MININOTEBOOK? OR SUBNOTEBO-
              OK? OR NOTEPAD? ? OR THINKPAD? ? OR (NOTE OR THINK)()PAD? ? OR
               LAPTOP? ? OR TABLET? ?
S17      2193   LAP()TOP? ? OR LAP()TOP? ?
S18       661   S4:S6 AND S7
S19        75   S18 AND S8:S17
S20        12   S19 AND PY=1963:1999
S21        20   S19 AND AY=1963:1999 AND AC=US
S22     59838   (PORTAB? OR TRANSPORTAB? OR MOBILE)(5N)(INTERFAC??? OR CON-
              NECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLI-
              NK?)
S23      1269   S4:S6 AND S22
S24       806   S23 AND S8:S17
S25     27458   S22(25N)S8:S17
S26       208   S25(25N)S4:S6
S27       201   S26 NOT S19
S28        46   S27 AND PY=1963:1999
S29        45   S27 AND AY=1963:1999 AND AC=US
S30        60   S28:S29
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patents
abstracts

? t30/9/2-4

30/9/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

05548208 **Image available**
REMOTE MAINTENANCE DEVICE

PUB. NO.: 09-163008 [JP 9163008 A]
PUBLISHED: June 20, 1997 (19970620)
INVENTOR(s): YOKOYA SHIGEHARU
APPLICANT(s): TOYO KANETSU KK [399669] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-320622 [JP 95320622]
FILED: December 08, 1995 (19951208)
INTL CLASS: [6] H04M-011/00; H04Q-009/00
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone); 13.1 (INORGANIC CHEMISTRY -- Processing Operations); 22.3 (MACHINERY -- Control & Regulation); 44.2 (COMMUNICATION -- Transmission Systems)

ABSTRACT
PROBLEM TO BE SOLVED: To simplify the **remote maintenance** of plural equipments by **connecting** a **portable** maintenance **unit** to an equipment when a diagnosis is required on a user side having plural equipments provided with PLCs.
SOLUTION: A portable maintenance unit 12 is composed by integrating a modem 13 to be connected with a modular jack 10 and a link unit 14 which is connected with the modem 13 and can be connected with the sequencer of the programable logic controller(PLC) 11 of an equipment 8 into one body. When a fault is generated in the equipment 8 and a state becomes the one that the equipment 8 is diagnosed, the portable maintenance unit 12 is connected with the modular jack 10 and the sequencer of the equipment 8 on a user side. As a result, the personal computer 2 on the maker side and the equipment 8 on the user side are remotely connected via a telephone line network 4 and the diagnosis as to whether data is normal or not, etc., which can be obtained by accessing to the sequencer of the PLC 11 of the equipment 8 by the remote control from the personal computer 2 for diagnosis is accessed.

30/9/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

05191895 **Image available**
CENTRALIZED MONITORING SYSTEM OF AUTOMATED EQUIPMENT

PUB. NO.: 08-147395 [JP 8147395 A]
PUBLISHED: June 07, 1996 (19960607)
INVENTOR(s): TAKASUGI TETSURO
HARADA TOMOAKI
APPLICANT(s): OKI SOFTWARE OKAYAMA KK [000000] (A Japanese Company or Corporation), JP (Japan)
OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-314017 [JP 94314017]
FILED: November 24, 1994 (19941124)
INTL CLASS: [6] G06F-019/00; G06F-011/30; G06F-013/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To recognize the operating status of an automated equipment at even a place except a monitoring center.

CONSTITUTION: A **monitoring** center 20 performs a **remote monitoring** for the plural automated equipments 11-1 to 11-n installed at a business office 10. A **mobile** type monitoring **terminal** 50 is **connected** by ratio communication by a radio communication controller 60 and the radio communication controller 26 on the side of the monitoring center 20. When the processing request part 51 of the mobile type monitoring terminal 50 is dispatched due to a fault, etc., the part 51 requests not only the operating information on the pertinent automated equipments 11-1 to 11-n but also the operating information on other automated equipments 11-1 to 11-n from the monitoring center 20. Therefore, the monitoring center 20 transmits the operating information on the pertinent automated equipments 11-1 to 11-n to the mobile type monitoring terminal 50 and an information acquisition part 52 receives this information.

30/9/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

03152300 **Image available**
CHECKING DEVICE FOR REMOTE MONITORING SYSTEM

PUB. NO.: 02-127800 [JP 2127800 A]
PUBLISHED: May 16, 1990 (**19900516**)
INVENTOR(s): MASUDA MASASHI
APPLICANT(s): HITACHI ELEVATOR ENG & SERVICE CO LTD [457860] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-280440 [JP 88280440]
FILED: November 08, 1988 (19881108)
INTL CLASS: [5] G08B-029/12
JAPIO CLASS: 44.9 (COMMUNICATION -- Other)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 1085, Vol. 14, No. 352, Pg. 149, July 30, 1990 (19900730)

ABSTRACT

PURPOSE: To check a **remote monitoring** system in a short period of time by providing a **portable** testing **device** , which rewrites a monitor program in a monitor control host station to a program for check, and a **portable** simulated **device** **connected** to a terminal equipment and to output a simulated signal for checking.

CONSTITUTION: A portable testing device 10 is connected to a monitor control host station 1 and a portable simulated device 20 is connected to a certain terminal equipment 2A. Next, an equipment 3A connected to the terminal equipment 2A is separated from the terminal equipment 2A and in such a condition, the testing device 10 rewrites the program of the monitor control host station 1 to the program for checking. Data for checking are outputted from the simulated device 20 through the terminal equipment 2A and the correspondence of the monitor control host station 1 based on these data is read by the testing device 10. Then, it is judged whether the correspondence is normal or not. Since the checking can be easily executed by successively connecting the simulated device 20 for each terminal equipment 2A-2N, the cost of the monitor control host station is not raised and any trouble is not generated in the ordinary life of the equipment which is connected to each terminal equipment. Thus, the checking can be easily executed.
? t30/69,k/25,43,54-56,60

30/69,K/25 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0009442349 - Drawing available
WPI ACC NO: 1999-381274/ **199932**
XRPX Acc No: N1999-286017
Wireless based inspection system - has mobile unit which is connected to meter and is equipped with power supply controller to control start and stoppage of power supply to wireless communication unit
Patent Assignee: RICOH ELEMEX KK (RICW)
Inventor: KODAMA Y; OSUGA S
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
JP 11149593	A	19990602	JP 1997332421	A	19971117	199932 B

Priority Applications (no., kind, date): JP 1997332421 A 19971117

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 11149593	A	JA	3	2	

Alerting Abstract JP A
NOVELTY - The **remote inspection** of a meter (3) is performed by signal communication between a base station and **mobile unit** to which the meter is **connected** . The **mobile unit** has a power supply controller (6) to control the exterior start and stoppage of the power supply to **wireless** communication **unit** (4).
USE - Used in remote inspection of measuring instruments such as gas meter, aqueductus meter.
ADVANTAGE - The consumption of the battery of a mobile unit is reduced as start and stoppage of the power supply are arbitrarily controllable from the exterior. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the mobile unit used in the inspection system. (3) Meter; (4) Communication unit; (6) Supply controller.

Title Terms/Index Terms/Additional Words: WIRELESS; BASED; INSPECT; SYSTEM; MOBILE; UNIT; CONNECT; METER; EQUIP; POWER; SUPPLY; CONTROL; START; STOPPAGE; COMMUNICATE

Class Codes
International Classification (+ Attributes)

IPC + Level	Value	Position	Status	Version
G08C-0015/00	A	I	F	R 20060101
G08C-0017/00	A	I	L	R 20060101
H04Q-0009/00	A	I	L	R 20060101
G08C-0015/00	C	I	F	R 20060101
G08C-0017/00	C	I	L	R 20060101
H04Q-0009/00	C	I	L	R 20060101

File Segment: EPI;
DWPI Class: W05
Manual Codes (EPI/S-X): W05-D; W05-D02; W05-D04

Alerting Abstract ...NOVELTY - The **remote inspection** of a meter (3) is performed by signal communication between a base station and **mobile unit** to which the meter is **connected** . The **mobile unit** has a power supply controller (6) to control the exterior start and stoppage of the power supply to **wireless** communication **unit** (4...

...
Basic Derwent Week: **199932** ...

30/69,K/43 (Item 38 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0008488283 - Drawing available
WPI ACC NO: 1998-017870/ 199802
XRPX Acc No: N1998-013673
Portable test tool system for field maintenance - comprises portable computer, PCMCIA slot having peripheral interface coupled to computer and PCMCIA card receivable into PCMCIA slot
Patent Assignee: NCR CORP (NATC)
Inventor: BRYAN B R; CANNON K B; HILLEY M R
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5691926	A	19971125	US 1994359968	A	19941220	199802 B

Priority Applications (no., kind, date): US 1994359968 A 19941220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5691926	A	EN	9	5	

Alerting Abstract US A
The portable test tool system comprises a portable computer having a display, a PCMCIA slot having a peripheral interface coupled to the portable computer for communicating data between the portable computer and a unit under test and a PCMCIA card.
The test tool further includes a signal interface for conditioning signals received from the unit under test so that the conditional signals may be transmitted to the portable computer.
USE - Providing test tools at a remote location with a portable computer, to aid technician. Each card implements one or more common test functions, including volt-ohmmeter, waveform synthesiser, ADC and DAC, frequency counter, spectrum analyser, logic analyser, oscilloscope and spectrum generator.
ADVANTAGE - Integrates number of test tools into single portable unit that may be easily transported to equipment site.

Title Terms/Index Terms/Additional Words: PORTABLE; TEST; TOOL; SYSTEM; FIELD; MAINTAIN; COMPRISE; COMPUTER; SLOT; PERIPHERAL; INTERFACE; COUPLE; CARD; RECEIVE

Class Codes
International Classification (Main): G01R-019/00
US Classification, Issued: 364579000, 364481000, 364483000, 395282000, 395309000, 395701000

File Segment: EPI;
DWPI Class: S01; T01
Manual Codes (EPI/S-X): S01-D01; T01-C11; T01-J07A; T01-M06A1A

Original Publication Data by Authority

Original Abstracts:
A system for providing **test** tools at a **remote** location with a **portable computer** is disclosed. **The system** includes a peripheral **interface** coupled to the computer for communicating data between the computer and a unit under test...

30/69,K/54 (Item 49 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0006687581 - Drawing available

WPI ACC NO: 1994-067610/ **199409**
XRPX Acc No: N1994-052930
Portable, reprogrammable printer diagnostic testing - downloading diagnostic software from computer into selectively reprogrammable memory which can be downloaded into remote printer for diagnostic testing on site
Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: CAMPBELL S O; DUBOIS T E; LUONG N H
Patent Family (5 patents, 15 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 585139	A2	19940302	EP 1993306847	A	19930831	199409	B
CA 2104979	A	19940301	CA 2104979	A	19930827	199420	E
EP 585139	A3	19940907	EP 1993306847	A	19930831	199532	E
TW 272270	A	19960311	TW 1992106864	A	19920829	199625	E
US 5768495	A	19980616	US 1992937491	A	19920828	199831	E
			US 1995517116	A	19950821		
			US 1996725588	A	19961003		

Priority Applications (no., kind, date): US 1996725588 A 19961003; US 1995517116 A 19950821; US 1992937491 A 19920828

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 585139	A2	EN	13	8	
Regional Designated States,Original: AT BE CH DE DK ES FR GB IE IT LI NL SE					
CA 2104979	A	EN			
EP 585139	A3	EN			
TW 272270	A	ZH			
US 5768495	A	EN			Continuation of application US 1992937491
					Continuation of application US 1995517116

Alerting Abstract EP A2

The printer diagnostic testing involves a processor, a micro controller having an EPROM for storing operational programs and an electrically erasable flash memory for storing data to be used in the diagnosis of the printer. The controller also involves connectors for coupling the system to both a computer for the downloading of software into the system and a printer for downloading the stored programs for diagnostic testing.

The software consists of executable code for the diagnosis of operating conditions within the printer, and uses data files to be printed.

ADVANTAGE - Enables field technician to **service** printer in **remote** location without having to directly **connect** printer with computer system. Enables **portable device** to be reprogrammed with different forms of executable diagnostic programs as well as print files.

Title Terms/Index Terms/Additional Words: PORTABLE; REPROGRAMMABLE; PRINT; DIAGNOSE; TEST; SOFTWARE; COMPUTER; SELECT; MEMORY; CAN; REMOTE; SITE

Class Codes
International Classification (Main): G06F-011/00, G06F-011/22, G06F-013/10, G06K-009/03
(Additional/Secondary): B41J-029/393, G06F-011/30, G06F-013/38
US Classification, Issued: 395183010, 395101000, 364551010

File Segment: EngPI; EPI;
DWPI Class: T01; T04; P75
Manual Codes (EPI/S-X): T01-G02A; T01-G08; T01-J08A; T04-G

Alerting Abstract ...ADVANTAGE - Enables field technician to **service** printer in **remote** location without having to directly **connect** printer with computer system. Enables **portable device** to be reprogrammed with different forms of executable diagnostic programs as well as print files.

...
...

30/69,K/55 (Item 50 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0006643553 - Drawing available
WPI ACC NO: 1994-020720/ 199403
XRPX Acc No: N1994-016196; N1995-097733
Information rewriting system for portable remote terminal - has portable remote terminal connected to external unit with rewritable and debugging tool memories storing program and data
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: NIIYAMA M; SAKATA M
Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 5327582	A	19931210	JP 1992125886	A	19920519	199403	B
US 5400389	A	19950321	US 199363414	A	19930518	199517	ETAB

Priority Applications (no., kind, date): JP 1992125886 A 19920519

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 5327582	A	JA	7	6	
US 5400389	A	EN	18	11	

Alerting Abstract US A

The system has a portable remote terminal for communicating with other terminal devices. An external unit supplies data to the portable remote terminal. The portable remote terminal includes a connector connecting the portable remote terminal to the external unit. A rewritable memory stores information used in the portable remote terminal.

A debugging tool memory stores a first program rewriting the first information stored in the rewritable memory. A rewrite circuit is coupled to the rewritable memory and the debugging tool memory, to rewrite the first information stored in the rewritable memory. This is done in correspondence with information supplied from the external unit, via the connector. The rewriting is effected in accordance with the first program stored in the debugging tool memory.

USE/ADVANTAGE - For e.g. portable telephone. Avoids need to remove rewritable memory from remote terminal when rewriting information. Provides easy removal of program memory from PCB.

Title Terms/Index Terms/Additional Words: INFORMATION; REWRITING; SYSTEM; PORTABLE; REMOTE; TERMINAL; CONNECT; EXTERNAL; UNIT; DEBUG; TOOL; MEMORY; STORAGE; PROGRAM; DATA

Class Codes
International Classification (Main): H04B-007/26, H04M-011/00
(Additional/Secondary): G11C-016/06
US Classification, Issued: 379058000, 455186100, 455089000

File Segment: EPI;
DWPI Class: T01; W01

Original Publication Data by Authority

Original Abstracts:
A system includes a portable remote terminal for communicating with other terminal devices and an external unit for inputting information. The portable remote terminal has a connector for connecting the portable

remote terminal to the external unit , a flash memory for storing information used in the portable remote terminal , a debugging tool area provided with the flash memory, the debugging tool area storing a program in accordance with which the...
Claims:
A system comprising: a portable remote terminal for communicating with other terminal devices; and an external unit for supplying data to said portable remote terminal , said portable remote terminal including: a connector for connecting said portable remote terminal to said external unit; rewritable memory means for storing first information used in said portable remote terminal ; debugging tool memory means for storing a first program for rewriting said first information stored in said rewritable...
Basic Derwent Week: 199403

30/69,K/56 (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0006334046 - Drawing available
WPI ACC NO: 1993-130463/ 199316
XRPX Acc No: N1993-099636
Remote monitoring system reducing load or operator - has central monitoring appts. displaying abnormal process and informing operators in monitoring room and at remote position, connecting MODEM of portable monitoring unit to public line, and discerning process condition
Patent Assignee: TOSHIBA KK (TOKE)
Inventor: MATSUMAE M
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 5068292	A	19930319	JP 1991227342	A	19910906	199316	B

Priority Applications (no., kind, date): JP 1991227342 A 19910906

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 5068292	A	JA	6	3	

Title Terms/Index Terms/Additional Words: REMOTE; MONITOR; SYSTEM; REDUCE; LOAD; OPERATE; CENTRAL; APPARATUS; DISPLAY; ABNORMAL; PROCESS; INFORMATION; ROOM; POSITION; CONNECT; MODEM; PORTABLE; UNIT; PUBLIC; LINE ; DISCERNIBLE; CONDITION

Class Codes
International Classification (+ Attributes)

IPC + Level	Value	Position	Status	Version
G06F-0011/30	A	I	L	R 20060101
G06F-0003/048	A	I	L	R 20060101
G06F-0003/14	A	I	F	R 20060101
H04Q-0009/00	A	I	L	R 20060101
G06F-0011/30	C	I	L	R 20060101
G06F-0003/048	C	I	L	R 20060101
G06F-0003/14	C	I	F	R 20060101
H04Q-0009/00	C	I	L	R 20060101

File Segment: EPI;
DWPI Class: T01; W05
Manual Codes (EPI/S-X): T01-J08A; W05-D07B

...has central monitoring appts. displaying abnormal process and informing operators in monitoring room and at remote position, connecting MODEM of portable monitoring unit to public line, and discerning process condition

...
Basic Derwent Week: **199316** ...

30/69,K/60 (Item 55 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0000595562
WPI ACC NO: 1974-A0007V/ **197411**
Remote testing sytem with digital - has a test unit to generate input signals from computer generated data
Patent Assignee: WESTINGHOUSE ELECTRIC CORP (WESE)
Inventor: HARDESTY S J; MASTERS H M
Patent Family (7 patents, 6 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
BE 803968	A	19740225				197411 B
DE 2342009	A	19740307	DE 2342009	A	19730820	197411 E
FR 2197487	A	19740426				197421 E
US 3910322	A	19751007	US 1972283452	A	19720824	197542 E
GB 1448114	A	19760902				197636 E
IL 43019	A	19760831				197642 E
DE 2342009	C	19821111	DE 2342009	A	19730820	198246 E

Priority Applications (no., kind, date): US 1972283452 A 19720824

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
BE 803968	A	FR			
IL 43019	A	EN			

Title Terms/Index Terms/Additional Words: REMOTE; TEST; DIGITAL; UNIT; GENERATE; INPUT; SIGNAL; COMPUTER; DATA

Class Codes
International Classification (Main): G01R-031/28
(Additional/Secondary): G06F-011/00, G06F-015/46, G08C-019/16, G08C-025/02, H04L-001/00
US Classification, Issued: 395575000, 364DIG001, 364221700, 364222200, 364222300, 364265000, 364265100, 371015100, 371034000

File Segment: EPI;
DWPI Class: S01; T01; W01; W05

Original Publication Data by Authority

Original Abstracts:
A test facility which utilizes a digital computer to control and analyze the results of **tests** on equipment which **is remotely** positioned from the **computer** is disclosed. The equipment to be tested is **interfaced** with a simple **portable** test set which **is** positioned at the equipment to be tested. The computer and the **portable data** set are **interfaced** with a conventional **telephone** network. Digital data words specifying the test to be performed are transferred from the computer to the **portable test** set via the telephone network. Digital data words indicative of the responses of the equipment...
Basic Derwent Week: **197411**
?

? t22/69,k/1-3,7,10,14,20

22/69,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0015277852 - Drawing available
WPI ACC NO: 2005-627975/200564
XRPX Acc No: N2005-515564
Consumer device operating method e.g. desktop computer, involves connecting device to remote system through intermediated hidden agent transfer protocol servers by communication links
Patent Assignee: AMAZON.COM INC (AMAZ-N)
Inventor: KRONZ J A
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6941374	B1	20050906	US 1999369114	A	19990805	200564 B

Priority Applications (no., kind, date): US 1999369114 A 19990805

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6941374	B1	EN	17	4	

Alerting Abstract US B1
NOVELTY - The method involves forming a link between the first consumer device with the first intermediate server. Authorization is carried out between the first and second intermediate server, ensuring that the first device has the access right to access the services of the remote device. Once a link has been established, a connection is made between the second intermediate server and the second remote device, forming a transparent link between first and second device. The first device requests from the first intermediate server a listing of the services available from the second device.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.Server

2.An apparatus for accessing services

3.A method for accessing remote services by client device

4.A client apparatus

5.A system for communicating client devices

USE - For operating consumer device such as desktop computers, personal digital assistants (PDA), laptop computer, notebook computer, embedded processor devices, printers, fax , machines , scanners , remote control units, X -to^T^M type electrical control devices, thermostats electrical outlets, light switches, window controls, garage door systems, whole house control systems, heating ventilation air conditioning (HVAC) systems, security system and devices, overhead projectors, slide projectors, movie projectors, video cassette recorders and players, compact disk players, digital versatile disk (DVD) players, televisions, stereo systems and components including speakers, clocks cellular and portable telephones, pagers (one-way and two-way), weather stations, and timekeeping systems.
ADVANTAGE - Enables accessing remote services of consumer devices by extending the functionality of the Service Discovery Transfer protocol.
DESCRIPTION OF DRAWINGS - The figure shows the schematic diagram of the communication environment.

Title Terms/Index Terms/Additional Words: CONSUME; DEVICE; OPERATE; METHOD; COMPUTER; CONNECT; REMOTE; SYSTEM; THROUGH; INTERMEDIATE; HIDE; AGENT; TRANSFER; PROTOCOL; SERVE; COMMUNICATE; LINK

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
G06F-0015/16 A I R 20060101
G06F-0015/16 C I R 20060101
US Classification, Issued: 709229000, 709227000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-C03B; T01-N02A1; W01-A07F; W01-A07G

Consumer device operating method e.g. desktop computer, involves connecting device to remote system through intermediated hidden agent transfer protocol servers by communication links

Alerting Abstract ...second intermediate server, ensuring that the first device has the access right to access the **services** of the **remote** device. Once a link has been established, a **connection** is made between the second **intermediate** server and the second remote device, forming a transparent link between first and second device...
...Server An apparatus for accessing **services** A method for **accessing** **remote** **services** by client device A **client** **apparatus** A system for communicating client devices...

...USE - For operating consumer device such as desktop computers, **personal** **digital** **assistants** (**PDA**), **laptop** computer, **notebook** computer, embedded processor devices, printers, **fax** , **machines** , **scanners** , **remote** **control** units, **X** -to^T^M type electrical control devices, thermostats electrical outlets, light switches, window controls, garage...

...ADVANTAGE - Enables accessing **remote** **services** of consumer devices by extending the functionality of the **Service** **Discovery** **Transfer** protocol...

Original Publication Data by Authority

Claims:
...request from the local client device for an indicated service to be performed;provide a **request** message to the **remote** server to perform the indicated **service** ;receive **a** response message from the **remote** **server** , the response message being affiliated with the request message; andrespond to the local client...

...the response message to the local server;so that the local client device can request **services** that are provided by the **remote** client device by using the local and remote servers as intermediaries. Basic Derwent Week: 200564

22/69,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0012437297 - Drawing available
WPI ACC NO: 2002-382547/200241
Related WPI Acc No: 1999-443032; 2000-236839; 2001-024340; 2001-366587; 2001-416523; 2001-457133; 2001-646979; 2002-009859; 2002-279826; 2002-350700; 2002-350799; 2002-415401; 2002-415402; 2002-415403; 2002-442981; 2002-673107; 2003-039528; 2003-118989; 2003-605902; 2003-754935; 2003-800275; 2003-842592; 2004-293943; 2004-496981;

2005-010011; 2005-239990; 2005-401488; 2005-628511; 2005-656551; 2005-783883; 2006-633556; 2007-070172

XRPX Acc No: N2002-299463

Site controller has logic receiving device identifiers and function code and managing communications using protocols

Patent Assignee: DAVIS J (DAVI-I); PETITE T D (PETI-I); STATSIGNAL SYSTEMS INC (STAT-N)

Inventor: DAVIS J; PETITE T D

Patent Family (3 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2002013036	A1	20020214	WO 2001US24872	A	20010809	200241	B
US 20020027504	A1	20020307	US 1999271517	A	19990318	200241	E
			US 1999412895	A	19991005		
			US 1999439059	A	19991112		
			US 2000223943	P	20000809		
			US 2001812809	A	20010320		
			US 2001925786	A	20010809		
AU 200184759	A	20020218	AU 200184759	A	20010809	200244	E

Priority Applications (no., kind, date): US 1999271517 A 19990318; US 1999412895 A 19991005; US 1999439059 A 19991112; US 2000223943 P 20000809; US 2001812809 A 20010320; US 2001925786 A 20010809

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002013036	A1	EN	41	7	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020027504	A1	EN	C-I-P of application US 1999271517
			C-I-P of application US 1999412895
			C-I-P of application US 1999439059
			Related to Provisional US 2000223943
			C-I-P of application US 2001812809
			C-I-P of patent US 6218953
AU 200184759	A	EN	Based on OPI patent WO 2002013036

Alerting Abstract WO A1

NOVELTY - Controller comprises a transceiver, network interface device (dial-up modem, ISDN card etc.) operating on a WAN and logic with look-up tables in memory for managing communication with each **wireless device** via a communication protocol based on paths and managing communication with the host computer via a second communication protocol (TCP-IP). The devices antenna patterns overlap to create a coverage area defining the second communication network. The first protocol is a data packet comprising a to and from address and a command number comprising a function code.

DESCRIPTION - There is an INDEPENDENT CLAIM for a method of controlling communication with a host computer.

USE - Controller is for **monitoring** or controlling **remote** devices via a host computer connected to a WAN.

ADVANTAGE - Controller minimizes cost and complexity, reducing initial installation costs and making future expansions simple and inexpensive.

DESCRIPTION OF DRAWINGS - The figure shows an automated monitoring system.

Title Terms/Index Terms/Additional Words: SITE; CONTROL; LOGIC; RECEIVE; DEVICE; IDENTIFY; FUNCTION; CODE; MANAGE; COMMUNICATE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G01D-0004/00 A I R 20060101
G05B-0019/042 A I R 20060101
G05B-0019/418 A I R 20060101
G08B-0025/00 A I R 20060101
G08C-0017/02 A I R 20060101
H04L-0012/26 A I R 20060101
H04L-0029/06 A I R 20060101
H04M-0011/04 A I R 20060101
G01D-0004/00 C I R 20060101
G05B-0019/04 C I R 20060101
G05B-0019/418 C I R 20060101
G08B-0025/00 C I R 20060101
G08C-0017/00 C I R 20060101
H04L-0012/26 C I R 20060101
H04L-0029/06 C I R 20060101
H04M-0011/04 C I R 20060101
US Classification, Issued: 340539000, 340541000, 340551000, 340573100, 340540000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-C03B; T01-N01D3; T01-N02A1; T01-N02A2B; T01-N02B2; W01-A03B; W01-A06B5B; W01-A06E; W01-A06F2C

Original Titles:
System and method for controlling communication between a host computer and communication devices associated with **remote** devices in an automated **monitoring** system...

Alerting Abstract ...a WAN and logic with look-up tables in memory for managing communication with each **wireless device** via a communication protocol based on paths and managing communication with the host computer via...
...USE - Controller is for **monitoring** or controlling **remote** devices via a host computer connected to a WAN...

Original Publication Data by Authority

Original Abstracts:
A site controller adapted to be used in an automated monitoring system for **monitoring** and controlling a plurality of **remote** devices via a host computer connected to a first communication network is provided. The site ...

...A site controller adapted to be used in an automated monitoring system for **monitoring** and controlling a plurality of **remote** devices via a host computer connected to a first communication network is provided. The site ...

...a la surveillance et au controle d'une pluralite de dispositifs a distance par l' **intermediaire** d'un ordinateur hote **connecte** a un premier reseau de communication. Le controleur est configure pour controler la communication avec...
Claims:
1. A site controller adapted to be used in an automated monitoring system configured for **monitoring** and controlling a plurality of **remote** devices via a host computer connected to a first communication network, the site controller configured...

22/69,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0011059888 - Drawing available
WPI ACC NO: 2001-521763/200157
XRPX Acc No: N2001-386676
Communication between vehicles and a supervisor station, where each vehicle is assigned an Internet address and has an interface to the Internet via wireless telecommunication unit
Patent Assignee: VOLVO LASTVAGNAR AB (VOLV)
Inventor: ADAMSSON P; GOETVALL P; GOETVALL P L; GOTVALL P; GUETVALL P; QUIST J; QVIST J
Patent Family (13 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2001035373	A1	20010517	WO 2000EP11166	A	20001111	200157	B
AU 200119999	A	20010606	AU 200119999	A	20001111	200157	E
BR 200015396	A	20020625	BR 200015396	A	20001111	200251	E
			WO 2000EP11166	A	20001111		
US 20020123832	A1	20020905	WO 2000EP11166	A	20001111	200260	E
			US 200263759	A	20020510		
EP 1245018	A1	20021002	EP 2000983127	A	20001111	200265	E
			WO 2000EP11166	A	20001111		
CN 1390341	A	20030108	CN 2000815557	A	20001111	200334	E
US 6643571	B2	20031104	WO 2000EP11166	A	20001111	200374	E
			US 200263759	A	20020510		
EP 1245018	B1	20040121	EP 2000983127	A	20001111	200410	E
			WO 2000EP11166	A	20001111		
DE 60007900	E	20040226	DE 60007900	A	20001111	200419	E
			EP 2000983127	A	20001111		
			WO 2000EP11166	A	20001111		
ES 2213060	T3	20040816	EP 2000983127	A	20001111	200455	E
RU 2251746	C2	20050510	WO 2000EP11166	A	20001111	200532	E
			RU 2002113760	A	20001111		
IN 200200350	P3	20050218	US 2002129864	A	20020823	200546	E
			IN 2002MN350	A	20020321		
CN 1158637	C	20040721	CN 2000815557	A	20001111	200612	E

Priority Applications (no., kind, date): SE 19994099 A 19991111

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001035373	A1	EN	24	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200119999	A	EN	Based on OPI patent WO 2001035373
BR 200015396	A	PT	PCT Application WO 2000EP11166 Based on OPI patent WO 2001035373
US 20020123832	A1	EN	Continuation of application WO 2000EP11166
EP 1245018	A1	EN	PCT Application WO 2000EP11166 Based on OPI patent WO 2001035373

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL RO SI

US 6643571	B2	EN	Continuation of application WO 2000EP11166
EP 1245018	B1	EN	PCT Application WO 2000EP11166 Based on OPI patent WO 2001035373

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DE 60007900	E	DE	Application EP 2000983127 PCT Application WO 2000EP11166 Based on OPI patent EP 1245018 Based on OPI patent WO 2001035373

ES 2213060	T3	ES	Application EP 2000983127 Based on OPI patent EP 1245018
RU 2251746	C2	RU	PCT Application WO 2000EP11166 Based on OPI patent WO 2001035373
IN 200200350	P3	EN	PCT Application US 2002129864

Alerting Abstract WO A1

NOVELTY - The system is for monitoring and/or operating of one or more moving objects like vehicles, where each object is assigned an Internet address and comprises an interface to the Internet via a **wireless** telecommunication **unit** .

DESCRIPTION - Sensors and actuators for monitoring and affecting components and conditions of the object are connected to the interface, so that a connection between a supervisor station and each object can be established via the Internet for evaluating conditions of the related components by means of sensors and/or actuators.

An INDEPENDENT CLAIM is also included for a method for testing, operating, controlling, observing or **monitoring** a **remote** object.

USE - For monitoring and/or operating vehicles such as cars or trucks or stationary objects such as facilities, plants or objects in a remote area.

ADVANTAGE - By monitoring vehicle components and operating conditions, both during operation of the vehicle, evaluation and prediction of the behavior, load, wear, reliability, life span and remaining time until possible failure is substantially improved. Such evaluation and prediction can further be improved by affecting certain conditions by actuators and observing the resulting reaction of the related components. This not only accelerates development according to the first object, but also makes easier planning of routes according to the second object, because failure of a component (or running short of fuel) can be predicted efficiently, so that the related component(s) can be exchanged in due time and especially on occasion of a normal stop, e.g. for picking up or delivering of goods or products, so that extra interruptions of operation of the vehicle for maintenance purposes is largely avoided.

DESCRIPTION OF DRAWINGS - The diagram shows the components of the system for a vehicle with a mobile communication platform.

21 storage device
30 unit under test
34 cellular phone
41 IP-telephone router

Title Terms/Index Terms/Additional Words: COMMUNICATE; VEHICLE; SUPERVISION ; STATION; ASSIGN; ADDRESS; INTERFACE; WIRELESS; TELECOMMUNICATION; UNIT

Class Codes

International Classification (Main): G06F-019/00, G06F-007/00, G07C-005/08, G08G-001/127
(Additional/Secondary): G08C-017/00
US Classification, Issued: 701033000, 340438000, 701033000, 701029000

File Segment: EPI;
DWPI Class: S02; T01; T07; W01; W02; W05; X22
Manual Codes (EPI/S-X): S02-J; T01-E; T07-A05; W01-A03B; W01-A06A; W01-A06B7; W01-A06C4; W01-A06G2; W01-B05A1A; W02-C03C1A; W02-K05A7; W02-K05B1; W05-D04A5; W05-D07D; X22-A05; X22-E06; X22-X06

...each vehicle is assigned an Internet address and has an interface to the Internet via wireless **telecommunication** unit

Alerting Abstract ...object is assigned an Internet address and comprises an interface to the Internet via a **wireless** telecommunication **unit** . ... An INDEPENDENT CLAIM is also included for a method for testing, operating, controlling, observing or **monitoring** a **remote** object...

Original Publication Data by Authority

Original Abstracts:
...10) is assigned an internet address and comprises an interface to the internet via a wireless telecommunication unit (126), whereby sensors (121) and/or actuators (123) for monitoring and/or affecting components and/or conditions of the...

...10) is assigned an internet address and comprises an interface to the internet via a wireless telecommunication unit (126), whereby sensors (121) and/or actuators (123) for monitoring and /or affecting components and/or conditions of the object are connected to the interface, so...

...assigned an Internet address. The objects also include an interface to the Internet via a wireless communication unit . The objects have sensors and/or actuators for monitoring and/or affecting components and conditions of that object when connected to the interface. By way of a connection with a supervisor station via the Internet, the moving objects can...
...10) is assigned an internet address and comprises an interface to the internet via a wireless telecommunication unit (126), whereby sensors (121) and/or actuators (123) for monitoring and/or affecting components and/or conditions of the object are connected to the interface, so that a connection between a supervisor station (11) and each object can be established via the internet for...

...surveiller et/ou a modifier des elements et/ou des etats de l'objet sont relies a l' interface de facon a permettre l'etablissement d'une connexion entre une station (11) de supervision...
Claims:
...10) is assigned an internet address and comprises an interface to the internet via a wireless telecommunication unit (126; 34), wherein</br>sensors (121) and / or actuators (123) for monitoring and / or affecting components and / or conditions of the object are connected to the interface, so that a connection between a supervisor station (11...

...12), a storage (122) and a computer (124; 59),</br>and is characterised in that a remote test application program (RVT 55) is configured by means of a downloaded setup file, for running predetermined monitoring processes.

...

...a un ordinateur (124; 59), et caracterise en ce qu'un programme d'application de test a distance (RVT 55) est configure au moyen d'un fichier d'installation telecharge, afin d...

.....object that is assigned an internet address and has an interface to the internet via a wireless telecommunication unit;at least one of a sensor for monitoring and an actuator for affecting components...
...and said at least one moving object established via the internet for evaluating object conditions by means of said sensors and said actuators...

...object that is assigned an internet address and has an interface to the internet via a wireless telecommunication unit;at least one of a sensor for monitoring and an actuator for affecting components

22/69,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0010492837 - Drawing available
WPI ACC NO: 2001-093561/200111

XRPX Acc No: N2001-070968

Wireless control for the field devices of an industrial processing system that uses an interactive user interface to selectively control, configure, or monitor the field devices by means of a mobile terminal

Patent Assignee: METSO AUTOMATION OY (VALY); NELES CONTROLS OY (NELE-N); NELES FIELD CONTROLS OY (NELE-N)

Inventor: CEDERLOEF H; CEDERLOF H; PYOETSIAE J; PYOTSIA J; SIMULA M

Patent Family (6 patents, 26 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 1045302	A1	20001018	EP 2000660067	A	20000412	200111	B
FI 199900864	A	20001017	FI 1999864	A	19990416	200111	E
FI 111760	B1	20030915	FI 1999864	A	19990416	200362	E
EP 1045302	B1	20031022	EP 2000660067	A	20000412	200373	E
DE 60006018	E	20031127	DE 60006018	A	20000412	200403	E
			EP 2000660067	A	20000412		
US 7010294	B1	20060307	US 2000550311	A	20000414	200618	E

Priority Applications (no., kind, date): EP 2000660067 A 20000412; FI 1999864 A 19990416

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1045302	A1	EN	13	9	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

FI 111760	B1	FI		Previously issued patent FI 9900864
EP 1045302	B1	EN		

Regional Designated States,Original: DE FR GB IT

DE 60006018	E	DE	Application EP 2000660067 Based on OPI patent EP 1045302

Alerting Abstract EP A1

NOVELTY - A **mobile terminal** (MT) uses cellular communications (26) to establish a dedicated data connection to an interactive user interface (23) that is associated with an industrial process control system (21). This interactive user interface can selectively control, configure, or monitor the field devices (14, 15, 16) of the industrial process by means of the **mobile terminal** .

USE - For the field devices of an industrial processing system.

ADVANTAGE - Provides quick control of field devices from remote locations.

DESCRIPTION OF DRAWINGS - The figure is a block of diagram of wireless control for the field devices of an industrial processing system.

14, 15, 16 Field devices

21 Control system

23 Interactive user interface

26 Cellular communications

Title Terms/Index Terms/Additional Words: WIRELESS; CONTROL; FIELD; DEVICE; INDUSTRIAL; PROCESS; SYSTEM; INTERACT; USER; INTERFACE; SELECT; CONFIGURATION; MONITOR; MOBILE; TERMINAL

Class Codes

International Classification (Main): G05B-019/418

International Classification (+ Attributes)

IPC + Level	Value	Position	Status	Version
H04M-0003/00	A	I	F	B 20060101

US Classification, Issued: 455420000, 455422100, 455090300, 455003030, 702188000, 700017000, 700065000, 700083000, 715735000, 715736000, 715737000, 715740000, 715854000, 715864000, 709203000, 709206000, 709219000, 340003100, 340003710, 340003900

File Segment: EPI;

DWPI Class: T01; T06; W02; W05
Manual Codes (EPI/S-X): T01-C03; T01-H07C5E; T01-J05B4P; T01-J07B1; T01-J11C1; T06-A04B7; T06-A11; W02-C03C1; W02-C03X; W05-C02; W05-D04A1; W05-D07B

...user interface to selectively control, configure, or monitor the field devices by means of a mobile terminal
...NOVELTY - A **mobile terminal** (MT) uses cellular communications (26) to establish a dedicated data connection to an interactive user...

...monitor the field devices (14, 15, 16) of the industrial process by means of the **mobile terminal** .

Original Publication Data by Authority

Original Abstracts:
A **mobile terminal** (MT) is **arranged to** communicate over a cellular communication system (26) with a control system (21) connected to a plurality of field devices (14, 15, 16) in an industrial process, in order to **remote** control, configure or **monitor** the field devices. **The mobile terminal** (MT) accesses **through a** dedicated data connection established over the cellular communication system (26) an interactive user interface (23...

...A **mobile terminal** is arranged to communicate over a cellular **communication system** with a control system connected to a plurality of field devices in an industrial process, in order to **remote** control, configure or **monitor** the field devices. The **mobile terminal** accesses through a dedicated data connection established **over the** cellular communication system an interactive user interface associated with the control system and arranged to...
Claims:
...connected to a plurality of field devices (14, 15, 16) and comprising at least one **mobile terminal** (MT) **arranged** to communicate with the control system over a cellular communication system (26) in order to selectively **remotely** control, **configure** or **monitor** the **field** devices (14, 15, 16), characterized by an interactive user interface (23, 33, 64) associated with...

...utilize the configuration, control and management data of the control system and accessible by the **mobile terminal** (MT) through **a dedicated** data connection established over the cellular communication system (26), in order to selectively control, configure...

...field devices (14, 15, 16) and comprising an interactive user interface enabling at least one **mobile terminal** (MT) to communicate with the control system over a cellular **communication system** (26) in order to selectively **remotely** control, configure or **monitor** the field devices (14, 15, 16), said **interactive** user interface (23, **33** , 64) being arranged to utilize the configuration, control and management data maintained in at least one database of the control system and accessible by the **mobile terminal** (MT) through a dedicated data connection established over the cellular **communication system** (26), in order to selectively control, configure or monitor the field devices (14, 15, 16...

...content of the interactive user interface in response to requests or selections made by the **mobile terminal** (MT) and on basis of the configuration, control and management **data retrieved** from the at least one database at the control system, and to create control or configuration commands to the control system in response to selections or inputs made by the **mobile terminal** user in the interactive user interface.

...

...utilisateur interactive qui permet a au moins un terminal mobile (TM) de communiquer avec le **systeme** de controle par l' **intermediaire** d'un systeme de communication cellulaire (26) afin de controler, de configurer ou de surveiller ...control system being connected to a plurality of field devices and comprising:at least one **mobile terminal** arranged to communicate with the control system over a cellular communication system in order to selectively **remotely** control, configure or **monitor** the field devices; and **an interactive** user interface associated with the control system, said user interface utilizing configuration, control and management data **maintained** in at least **one** database of the control system and being accessible by the **mobile terminal** through a dedicated data connection established over the cellular communication system, in order to selectively control, configure or monitor the field devices connected to the control system, **said interactive** user interface being configured to modify content of the interactive user interface in response to requests or selections made by the **mobile terminal** and based on the configuration, control and management data retrieved from said at least one database of the control system, and to create control or configuration commands to the **control system** in response to selections or inputs made by the **mobile terminal** user in the interactive user interface.

22/69,K/10 (Item 10 from file: 350)

0009501615 - Drawing available
WPI ACC NO: 1999-444283/ **199937**
XRPX Acc No: N1999-331361
Multiple capacity wireless trunk addressing method e.g. for communication system
Patent Assignee: BILGIC I M (BILG-I); DOUGLAS P (DOUG-I); INTEL CORP (ITLC); MENON N P (MENO-I); OMNIPOINT CORP (OMNI-N); ROEDER G R K (ROED-I); SOLA I I (SOLA-I); XIRCOM INC (XIRC-N); XIRCOM WIRELESS CO (XIRC-N); YUHAN A H (YUHA-I); XIRCOM WIRELESS INC (XIRC-N)
Inventor: BILGIC I; BILGIC I M; DOUGLAS P; MENON N; MENON N P; MO R; MO R C ; RODER G R K; ROEDER G; ROEDER G R K; ROEDER K G R; SMITH D; SMITH D G; SOLA I; SOLA I I; YUHAN A; YUHAN A H; ROEDER G R
Patent Family (24 patents, 83 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 1999035865	A1	19990715	WO 1998US26049	A	19981208	199937	B
AU 199919051	A	19990726	AU 199919051	A	19981231	199952	E
US 6097817	A	20000801	US 1997988262	A	19971210	200039	E
EP 1040691	A1	20001004	EP 1998963806	A	19981208	200050	E
			WO 1998US26049	A	19981208		
US 6208627	B1	20010327	US 1997988546	A	19971210	200119	E
CN 1301467	A	20010627	CN 1998813429	A	19981208	200158	E
KR 2001033025	A	20010425	KR 2000706379	A	20000610	200164	E
US 20010036167	A1	20011101	US 1997988546	A	19971210	200168	E
			US 2001812534	A	20010319		
JP 2002501353	W	20020115	WO 1998US26049	A	19981208	200207	E
			JP 2000528115	A	19981208		
US 20020176581	A1	20021128	US 1997988505	A	19971210	200281	E
			US 2002202113	A	20020724		
US 20020196759	A1	20021226	US 1997987872	A	19971210	200304	E
			US 2002215883	A	20020808		
US 20030033522	A1	20030213	US 1997988505	A	19971210	200314	E
US 6526026	B1	20030225	US 1997987893	A	19971210	200323	E
US 6580906	B2	20030617	US 1997988505	A	19971210	200341	E
US 20030137952	A1	20030724	US 1997987893	A	19971210	200352	E
			US 2003338973	A	20030108		
US 6751205	B2	20040615	US 1997988546	A	19971210	200439	E
			US 2001812534	A	20010319		
CN 1494232	A	20040505	CN 1998813429	A	19981208	200447	E

			CN 2002154056	A	19981208		
US 20040174847	A1	20040909	US 1997988546	A	19971210	200459	E
			US 2001812534	A	20010319		
			US 2004803386	A	20040318		
US 20040176129	A1	20040909	US 1997988546	A	19971210	200459	E
			US 2001812534	A	20010319		
			US 2004803374	A	20040318		
CN 1130088	C	20031203	CN 1998813429	A	19981208	200565	E
US 7079500	B2	20060718	US 1997987893	A	19971210	200648	E
			US 2003338973	A	20030108		
EP 1040691	B1	20070404	EP 1998963806	A	19981208	200726	E
			WO 1998US26049	A	19981208		
DE 69837494	E	20070516	DE 69837494	A	19981208	200734	E
			EP 1998963806	A	19981208		
			WO 1998US26049	A	19981208		
DE 69837494	T2	20071213	DE 69837494	A	19981208	200801	E
			EP 1998963806	A	19981208		
			WO 1998US26049	A	19981208		

Priority Applications (no., kind, date): US 1997987872 A 19971210; US 1997987893 A 19971210; US 1997987957 A 19971210; US 1997988262 A 19971210; US 1997988482 A 19971210; US 1997988505 A 19971210; US 1997988546 A 19971210; US 2001812534 A 20010319; US 2002202113 A 20020724; US 2002215883 A 20020808; US 2003338973 A 20030108; US 2004803374 A 20040318; US 2004803386 A 20040318

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999035865	A1	EN	130	29	

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199919051	A	EN	Based on OPI patent WO 1999035865
EP 1040691	A1	EN	PCT Application WO 1998US26049
			Based on OPI patent WO 1999035865

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 20010036167	A1	EN	Continuation of application US 1997988546
			Continuation of patent US 6208627
JP 2002501353	W	JA 153	PCT Application WO 1998US26049
			Based on OPI patent WO 1999035865
US 20020176581	A1	EN	Continuation of application US 1997988505
US 20020196759	A1	EN	Division of application US 1997987872
US 20030137952	A1	EN	Division of application US 1997987893
			Division of patent US 6526026
US 6751205	B2	EN	Continuation of application US 1997988546
			Continuation of patent US 6208627
CN 1494232	A	ZH	Division of application CN 1998813429
US 20040174847	A1	EN	Continuation of application US 1997988546
			Continuation of application US 2001812534
			Continuation of patent US 6208627
			Continuation of patent US 6751205
US 20040176129	A1	EN	Continuation of application US 1997988546
			Continuation of application US

2001812534

			Continuation of patent US 6208627
			Continuation of patent US 6751205
US 7079500	B2	EN	Division of application US 1997987893
			Division of patent US 6526026
EP 1040691	B1	EN	PCT Application WO 1998US26049
			Based on OPI patent WO 1999035865
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE			
DE 69837494	E	DE	Application EP 1998963806
			PCT Application WO 1998US26049
			Based on OPI patent EP 1040691
			Based on OPI patent WO 1999035865
DE 69837494	T2	DE	Application EP 1998963806
			PCT Application WO 1998US26049
			Based on OPI patent EP 1040691
			Based on OPI patent WO 1999035865

Alerting Abstract WO A1

NOVELTY - The method involves establishing a wireless connection between a **wireless** communication **unit** and a base station. Several user stations are connected to several user interfaces of the **wireless** access communication **unit** . Communicating between the user stations and the base station using the **wireless** communication **unit** as an **intermediary** , each user **interface** of the **wireless** access communication **unit** is identified to the base station as a different logical entity.

DESCRIPTION - An INDEPENDENT CLAIM is included for a communication system, a **wireless** access communication **unit** .

USE - For communication system.

ADVANTAGE - Has ability of PBX or key telephone system to manage local area calls, yet also provides access to lower cost, reliable long **distance** or other network **services** . Provides versatile mechanism for allowing PBX or key type systems to achieve relatively inexpensive access to network resources and long distance coverage. Provides robust, flexible protocol to provide long **distance** coverage or other network **services** to local users of PBX, key system or other type of local area network.

DESCRIPTION OF DRAWINGS - The figure shows

Title Terms/Index Terms/Additional Words: MULTIPLE; CAPACITY; WIRELESS; TRUNK; ADDRESS; METHOD; COMMUNICATE; SYSTEM

Class Codes

International Classification (Main): H04B-007/00, H04Q-007/28
(Additional/Secondary): H04Q-007/38

International Classification (+ Attributes)

IPC + Level	Value	Position	Status	Version
H04B-0007/00	A	I F	B	20060101
H04L-0012/28	A	N	R	20060101
H04L-0012/56	A	I	R	20060101
H04L-0012/56	A	N	R	20060101
H04L-0029/06	A	I	R	20060101
H04Q-0007/20	A	I	R	20060101
H04Q-0007/20	A	I L	B	20060101
H04Q-0007/20	A	I L		20060101
H04Q-0007/26	A	N	R	20060101
H04Q-0007/28	A	I F	R	20060101
H04Q-0007/28	A	I F	B	20060101
H04Q-0007/28	A	I F		20060101
H04Q-0007/38	A	I L	R	20060101
H04B-0007/00	C	I L	B	20060101
H04L-0012/28	C	N	R	20060101
H04L-0012/56	C	I	R	20060101
H04L-0012/56	C	N	R	20060101
H04L-0029/06	C	I	R	20060101

H04Q-0007/20 C I R 20060101
H04Q-0007/20 C I B 20060101
H04Q-0007/20 C I 20060101
H04Q-0007/26 C N R 20060101
H04Q-0007/28 C I F R 20060101
H04Q-0007/28 C I B 20060101
H04Q-0007/28 C I 20060101
H04Q-0007/38 C I L R 20060101
US Classification, Issued: 370466000, 370337000, 713170000, 380270000, 370347000, 370337000, 380270000, 380247000, 713168000, 370401000, 370328000, 370328000, 455554200, 455561000, 455554100, 380248000, 380249000, 380247000, 455410000, 455455000, 455422000, 380270000, 370360000, 370328000, 370467000, 370310000, 455410000, 455426000, 455432000, 455458000, 455461000, 455422000, 370469000, 455424000, 455560000, 370328000, 370310000, 370467000, 370337000, 370347000, 370329000, 370341000

File Segment: EPI;
DWPI Class: W01; W02
Manual Codes (EPI/S-X): W01-B03A; W01-B05A3; W01-C02G5; W01-C03; W02-C03C1; W02-C03C3G

Original Titles:
... **Wireless** access **unit** using standardized management and connection protocols...

... **Wireless** access **unit** with trunk interface

Alerting Abstract ...NOVELTY - The method involves establishing a wireless connection between a **wireless** communication **unit** and a base station. Several user stations are connected to several user interfaces of the **wireless** access communication **unit** . Communicating between the user stations and the base station using the **wireless** communication **unit** as an **intermediary** , each user **interface** of the **wireless** access communication **unit** is identified to the base station as a different logical entity.DESCRIPTION - An INDEPENDENT CLAIM is included for a communication system, a **wireless** access communication **unit** .
...

...system to manage local area calls, yet also provides access to lower cost, reliable long **distance** or other network **services** . Provides versatile mechanism for allowing PBX or key type systems to achieve relatively inexpensive access to network resources and long distance coverage. Provides robust, flexible protocol to provide long **distance** coverage or other network **services** to local users of PBX, key system or other type of local area network

Original Publication Data by Authority

Original Abstracts:
...private branch exchange or key system, connected through one or more trunk lines to a **wireless** access communication **unit** (106). The **wireless** access communication **unit** preferably comprises a separate subscriber interface (104) for each trunk line from the central telephone switch. The **wireless** access communication **unit** (106) collects data from each of the subscriber interfaces, formats the data into a format...

...transmits the information over one or more wireless channels to a cellular base station.The **wireless** access communication **unit** thereby connects calls received from the central telephone switch's trunk lines over a wireless...

...private branch exchange or key system, connected through one or more trunk lines to a **wireless** access communication **unit** . The **wireless** access communication **unit** preferably comprises a separate subscriber

...repetitive time frame;assigning one of the plurality of time slots on demand to a **wireless** communication **unit** for communication with the base station;establishing a call between the **wireless** communication **unit** and the base station;transmitting and receiving call information between a non-**wireless** **unit** and the base station using the **wireless** communication **unit** as an intermediary;during the call, receiving dual-tone multi-frequency (DTMF) tones at the **wireless** communication **unit** from the non- **wireless** **unit** ;for each of the DTMF tones, formatting a plurality of direct transfer application part (DTAP...

...tone;for each of the DTMF tones, transmitting the plurality of DTAP messages from the **wireless** communication **unit** to the base station;conveying the DTAP messages from the base station to a remote...
Basic Derwent Week: **199937**

22/69,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0007899072 - Drawing available
WPI ACC NO: 1996-232423/ **199624**
Related WPI Acc No: 1996-232425
XRPX Acc No: N1996-195009
Providing trouble shooting strategy for craftsperson attending faulty telephone line - using trouble shooting application engine which is linked to knowledge database and to shared parameter data base
Patent Assignee: HARRIS CORP (HARO)
Inventor: HORTON M D; RISCHPATER R W; SCHILLACI O
Patent Family (10 patents, 15 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 712227	A2	19960515	EP 1995308134	A	19951114	199624	B
NO 199504603	A	19960515	NO 19954603	A	19951114	199629	E
CA 2162764	A	19960515	CA 2162764	A	19951114	199637	E
JP 8265424	A	19961011	JP 1995295843	A	19951114	199651	E
CN 1143875	A	19970226	CN 1995120978	A	19951114	200062	E
NO 310949	B1	20010917	NO 19954603	A	19951114	200158	E
EP 712227	B1	20040225	EP 1995308134	A	19951114	200415	E
DE 69532601	E	20040401	DE 69532601	A	19951114	200424	E
			EP 1995308134	A	19951114		
ES 2217273	T3	20041101	EP 1995308134	A	19951114	200474	E
CN 1096171	C	20021211	CN 1995120978	A	19951114	200528	E

Priority Applications (no., kind, date): US 1994340083 A 19941114; EP 1995308134 A 19951114

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 712227	A2	EN	13	4	
Regional Designated States,Original: AT BE CH DE ES FR GB IE IT LI NL SE					
CA 2162764	A	EN			
JP 8265424	A	JA	10		
NO 310949	B1	NO			Previously issued patent NO 9504603
EP 712227	B1	EN			
Regional Designated States,Original: AT BE CH DE ES FR GB IE IT LI NL SE					
DE 69532601	E	DE			Application EP 1995308134 Based on OPI patent EP 712227
ES 2217273	T3	ES			Application EP 1995308134 Based on OPI patent EP 712227

Alerting Abstract EP A2
The method of providing a trouble shooting strategy for a craftsperson to

provide him with an indication of the probable cause of the problem in a subscriber line and a suggested procedure for solving the problem involves providing a communication and processor through which a craftsperson can communicate with a test system. The unit includes an information processing trouble shooting application engine with two databases coupled to it.

The application engine performs a diagnostic evaluation of data in a shared database on the basis of stored rules. A proposed solution is then generated. Diagnosis of several possible problems are performed and repair procedures for a line are recommended.

USE/ADVANTAGE - For testing telephone line. Improved link with central location. Easy to use.

Title Terms/Index Terms/Additional Words: TROUBLE; SHOOT; STRATEGY; FAULT; TELEPHONE; LINE; APPLY; ENGINE; LINK; DATABASE; SHARE; PARAMETER; DATA; BASE

Class Codes
International Classification (Main): H04M-003/30
(Additional/Secondary): H04M-001/24
International Classification (+ Attributes)

IPC + Level Value	Position	Status	Version
H04L-0029/14 A I L	R		20060101
H04M-0003/22 A I F	R		20060101
H04M-0003/30 A I	R		20060101
H04L-0029/14 C I L	R		20060101
H04M-0003/22 C I F	R		20060101
H04M-0003/28 C I	R		20060101

File Segment: EPI;
DWPI Class: W01
Manual Codes (EPI/S-X): W01-C02A5; W01-C08C1

Original Publication Data by Authority

Original Abstracts:
A trouble-shooting mechanism is incorporated into a telephone service technician's **portable computer unit** , to **enable a craftsperson** , to respond to a trouble ticket. By analyzing multiple sources of information, including user inputs from the craftsperson, parametric data embedded in the trouble ticket, test data obtained through **the** execution of local **tests** , and **remote test data** , the **trouble - shooting** mechanism derives **and suggests** a problem solving strategy that is appears accurate. The system architecture includes a trouble-shooting...
Claims:
...a communication and processing unit through which a craftsperson, who may be dispatched to a **service** site that is **remotely** located with respect **to** a telephone office serving said subscriber line, may communicate with a test system of said...

...communication and processing unit (10) through which a craftsperson, who may be dispatched to a **service** site that is **remotely** located with respect to a telephone office (12) serving a subscriber line (16), may communicate **with** a subscriber line **test** system (33) of said telephone office via a long haul wireless interface (28) mounted in ...traitement portable (10) par laquelle un ouvrier qualifie, qui peut etre envoye sur un site **de** maintenance situe **a** distance par rapport a un central telephonique (12) desservant une ligne d'abonne (16), peut communiquer avec un systeme de test de ligne d'abonne (33) dudit central **telephonique** par l ' **intermediaire** d' **une** interface sans fil longue distance (28) installee dans un vehicule de maintenance (20) d'un ouvrier qualifie, et avec une tete de test (14) qui peut **etre** connectee **a** ladite ligne **d** 'abonne, ladite unite de communication et de traitement comportant un dispositif d'entree/sortie (15/1...
Basic Derwent Week: **199624**

22/69,K/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0006603721 - Drawing available
WPI ACC NO: 1993-059034/ 199307
Related WPI Acc No: 1991-317923; 1996-020826
XRPX Acc No: N1993-044977
Wide area communications network for collecting remote data - has remote cell nodes receiving data packets from network service modules and polling data to intermediate and central terminals
Patent Assignee: IRIS SYSTEMS INC (IRIS-N); ITRON INC (ITRO-N)
Inventor: HOLOWICK E; JACOB N R; JOHNSON D F; MURHPY M F; MURPHY M F; SCHELLENBERG J J; STASENSKI M S; WIEBE M
Patent Family (15 patents, 15 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 1993002515	A1	19930204	WO 1992CA293	A	19920713	199307	B
GB 2272614	A	19940518	WO 1992CA293	A	19920713	199418	E
			GB 199322409	A	19931029		
EP 596913	A1	19940518	EP 1992914869	A	19920713	199420	E
			WO 1992CA293	A	19920713		
GB 2272614	B	19950607	WO 1992CA293	A	19920713	199526	E
			GB 199322409	A	19931029		
US 5553094	A	19960903	US 1990480573	A	19900215	199641	E
			US 1991732183	A	19910719		
			US 1993124495	A	19930922		
			US 1994271545	A	19940707		
EP 596913	B1	19980909	EP 1992914869	A	19920713	199840	E
			WO 1992CA293	A	19920713		
DE 69226958	E	19981015	DE 69226958	A	19920713	199847	E
			EP 1992914869	A	19920713		
			WO 1992CA293	A	19920713		
ES 2121860	T3	19981216	EP 1992914869	A	19920713	199906	E
US 5963146	A	19991005	US 1990480573	A	19900215	199948	E
			US 1991732183	A	19910719		
			US 1993124495	A	19930922		
			US 1994271545	A	19940707		
			US 1995454678	A	19950531		
US 6172616	B1	20010109	US 1990480573	A	19900215	200104	E
			US 1991732183	A	19910719		
			US 1993124495	A	19930922		
			US 1994271545	A	19940707		
			US 1995454678	A	19950531		
			US 1999296359	A	19990422		
CA 2108978	C	20010612	CA 2108978	A	19920713	200136	E
			WO 1992CA293	A	19920713		
US 6373399	B1	20020416	US 1990480573	A	19900215	200232	E
			US 1991732183	A	19910719		
			US 1993124495	A	19930922		
			US 1994271545	A	19940707		
			US 1995454678	A	19950531		
			US 1999296359	A	19990422		
			US 2000687785	A	20001013		
US 20020158774	A1	20021031	US 1990480573	A	19900215	200274	E
			US 1991732183	A	19910719		
			US 1993124495	A	19930922		
			US 1994271545	A	19940707		
			US 1995454678	A	19950531		
			US 1999296359	A	19990422		
			US 2000687785	A	20001013		
			US 2001960800	A	20010921		
US 20030001754	A1	20030102	US 1990480573	A	19900215	200305	E

			US 1991732183	A	19910719			
			US 1993124495	A	19930922			
			US 1994271545	A	19940707			
			US 1995454678	A	19950531			
			US 1999296359	A	19990422			
			US 2000687785	A	20001013			
			US 2001960800	A	20010921			
			US 200124977	A	20011219			
US 6653945	B2	20031125	US 1990480573	A	19900215	200378	E	
			US 1991732183	A	19910719			
			US 1993124495	A	19930922			
			US 1994271545	A	19940707			
			US 1995454678	A	19950531			
			US 1999296359	A	19990422			
			US 2000687785	A	20001013			
			US 2001960800	A	20010921			

Priority Applications (no., kind, date): US 200124977 A 20011219; US 2001960800 A 20010921; US 2000687785 A 20001013; US 1999296359 A 19990422; US 1995454678 A 19950531; US 1994271545 A 19940707; US 1993124495 A 19930922; US 1990480573 A 19900215; US 1991732183 A 19910719

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1993002515	A1	EN	74	13	
National Designated States,Original: CA					
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LU MC NL SE					
GB 2272614	A	EN		1	PCT Application WO 1992CA293
					Based on OPI patent WO 1993002515
EP 596913	A1	EN	2	1	PCT Application WO 1992CA293
					Based on OPI patent WO 1993002515
Regional Designated States,Original: DE ES FR IT					
GB 2272614	B	EN	4	1	PCT Application WO 1992CA293
					Based on OPI patent WO 1993002515
US 5553094	A	EN	35	13	C-I-P of application US 1990480573
					Continuation of application US 1991732183
					Continuation of application US 1993124495
					C-I-P of patent US 5056107
EP 596913	B1	EN			PCT Application WO 1992CA293
					Based on OPI patent WO 1993002515
Regional Designated States,Original: DE ES FR IT					
DE 69226958	E	DE			Application EP 1992914869
					PCT Application WO 1992CA293
					Based on OPI patent EP 596913
					Based on OPI patent WO 1993002515
ES 2121860	T3	ES			Application EP 1992914869
					Based on OPI patent EP 596913
US 5963146	A	EN			C-I-P of application US 1990480573
					Continuation of application US 1991732183
					Continuation of application US 1993124495
					Continuation of application US 1994271545
					C-I-P of patent US 5056107
					Continuation of patent US 5553094
US 6172616	B1	EN			C-I-P of application US 1990480573
					Continuation of application US 1991732183
					Continuation of application US 1993124495

			Continuation of application US
	1994271545		
			Continuation of application US
	1995454678		
			C-I-P of patent US 5056107
			Continuation of patent US 5553094
			Continuation of patent US 5963146
CA	2108978	C EN	PCT Application WO 1992CA293
			Based on OPI patent WO 1993002515
US	6373399	B1 EN	C-I-P of application US 1990480573
			Continuation of application US
	1991732183		
			Continuation of application US
	1993124495		
			Continuation of application US
	1994271545		
			Continuation of application US
	1995454678		
			Continuation of application US
	1999296359		
			C-I-P of patent US 5056107
			Continuation of patent US 5553094
			Continuation of patent US 5963146
			Continuation of patent US 6172616
US	20020158774	A1 EN	C-I-P of application US 1990480573
			Continuation of application US
	1991732183		
			Continuation of application US
	1993124495		
			Continuation of application US
	1994271545		
			Continuation of application US
	1995454678		
			Continuation of application US
	1999296359		
			Continuation of application US
	2000687785		
			C-I-P of patent US 5056107
			Continuation of patent US 5553094
			Continuation of patent US 5963146
			Continuation of patent US 6172616
			Continuation of patent US 6373399
US	20030001754	A1 EN	C-I-P of application US 1990480573
			Continuation of application US
	1991732183		
			Continuation of application US
	1993124495		
			Continuation of application US
	1994271545		
			Continuation of application US
	1995454678		
			Continuation of application US
	1999296359		
			Continuation of application US
	2000687785		
			Continuation of application US
	2001960800		
			C-I-P of patent US 5056107
			Continuation of patent US 5553094
			Continuation of patent US 5963146
			Continuation of patent US 6172616
			Continuation of patent US 6373399
US	6653945	B2 EN	C-I-P of application US 1990480573
			Continuation of application US
	1991732183		

	Continuation of application US
1993124495	
	Continuation of application US
1994271545	
	Continuation of application US
1995454678	
	Continuation of application US
1999296359	
	Continuation of application US
2000687785	
	C-I-P of patent US 5056107
	Continuation of patent US 5553094
	Continuation of patent US 5963146
	Continuation of patent US 6172616
	Continuation of patent US 6373399

Alerting Abstract WO A1

The communications network comprises network service modules (NSMs) which are coupled to respective physical devices. Each module is within range of several of a number of remote cell nodes (RCNs) uniformly spaced within a geographical area. RCNs transmit command signals for carrier frequency adjustment of NSM packet signals transmitted at pseudo-randomly selected times within a predetermined time period.

Each RCN stores multiple packet signals and trnasmits them to an intermediate data terminals (IDT) in response to a first polling signal. Data from each IDT is transmitted to a central data terminal (CDT) in response to a second polling signal, decoded and stored in a database.

USE/ADVANTAGE - Esp. for automatic reading of gas, electricity and water meters. Simple and economic to install and maintain. Spectrum efficiency and inherent redundancy enhances reliability and reduces operation costs.

Title Terms/Index Terms/Additional Words: WIDE; AREA; COMMUNICATE; NETWORK; COLLECT; REMOTE; DATA; CELL; NODE; RECEIVE; PACKET; SERVICE; MODULE; POLL ; INTERMEDIATE; CENTRAL; TERMINAL; WAN

Class Codes

International Classification (Main): G08B-023/00, G08C-015/06, G08C-019/04, G08C-019/16, H04B-001/69, H04L-012/28, H04L-012/48
(Additional/Secondary): G08C-013/02, G08C-017/00, G08C-017/02, G08C-019/10 , H04B-015/00, H04B-007/00

US Classification, Issued: 340870020, 340870150, 340870020, 375200000, 375206000, 324110000, 380034000, 340637000, 340870030, 340870060, 340870110, 340870280, 340870010, 340870020, 340870030, 340870050, 340870110, 340825020, 340825520, 340870120, 340870020, 340870030, 340825020, 340825720, 340870110, 340870020, 340870030, 370328000, 340870020, 340870110, 370328000

File Segment: EPI;
DWPI Class: S01; S02; W01; W05
Manual Codes (EPI/S-X): S01-B01; S02-K08A; W01-A06B5B; W05-D04A5

Original Publication Data by Authority

Original Abstracts:

...wide area communications network communicating data from a plurality of network service modules (110) through a plurality of **remote** cell nodes (112) and intermediate data terminals (114) to a central data terminal (120). The...

...A wide area communications network communicating data from a plurality of network **service** modules through a plurality of **remote** cell nodes and intermediate data terminals to a central data terminal. The wide **area** communicates network collects network generated by a plurality of physical devices such as gas, water...

...A wide area communications network communicating data from a plurality of network service modules through a plurality of remote cell nodes and intermediate data terminals to a central data terminal. The wide area communications network collects network data generated by a plurality of physical devices such as gas, water or electricity meters, located...

...A wide area communications network communicating data from a plurality of network service modules through a plurality of remote cell nodes and intermediate data terminals to a central data terminal. The wide area communicates network collects network generated by a plurality of physical devices such as gas, water or electricity meters, located within a geographical area. The wide...

...A wide area communications network communicating data from a plurality of network service modules through a plurality of remote cell nodes and intermediate data terminals to a central data terminal. The wide area communicates network collects network generated by a plurality of physical devices such as gas, water or electricity meters, located within a geographical area. The wide area...
Claims:
...data, with each network service module (110) including</br> an NSM-transmitter (318) for transmitting by wireless radio the respective NSM-data from the respective physical device (320, 322, 324) as an NSM-packet...

...416) for receiving a multiplicity of NSM-packet signals transmitted from a multiplicity of network service modules (110), and</br> an RCN-transmitter (418) for transmitting the multiplicity of NSM-packet signals as an RCN-packet signal;</br> a...received command signal for setting a carrier frequency, and an NSM transmitter for transmitting by wireless radio at the carrier frequency the respective NSM data from the respective physical device as an NSM...

...nodes, for simultaneously receiving the transmitted NSM-packet signal cell nodes by at least two remote cell nodes of said plurality of remote cell nodes, with each remote cell node including an RCN transmitter for transmitting by wireless radio the command signal, an RCN receiver for receiving a multiplicity of NSM-packet signals transmitted from a multiplicity of network service modules, with the multiplicity of network service modules including a subset of said plurality of network service modules, and an RCN memory for storing the ...packet signal at a time pseudorandomly selected within a predetermined time period;</br>a plurality of remote cell nodes (RCN) located within the geographic area and spaced, with each network service module of said plurality of network service modules within a range of at least two remote cell nodes of said plurality of remote cell nodes, for simultaneously receiving the transmitted NSM...

...the command signal;</br>an RCN receiver for receiving a multiplicity of NSM-packet signals transmitted from a multiplicity of network service modules, respectively, with the multiplicity of network service modules including a subset of said plurality...

...radio the first polling signal using a first polling-access protocol to each of said plurality of remote cell nodes;</br>a first IDT receiver for receiving a multiplicity of RCN-packet signals transmitted from a multiplicity of remote cell nodes, respectively, with the multiplicity of remote cell nodes including a subset of said plurality of remote cell... data obtained from a plurality of utility meters to a central station, comprising:a layered wireless network having a hierarchical communications topology, the network having:a plurality of meter reading units, a certain one of the plurality of meter reading units being associated with a respective one of the plurality of utility meters, the certain meter...

...received from the multiplicity of meter reading units being forwarded via a polled radio communications link ; anda plurality of intermediate receiving stations disposed in the geographic area to form a grid overlaying the geographic area for wirelessly communicating with at least two fixed receiving stations to receive the reports transmitted from the fixed...
Basic Derwent Week: 199307

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File 348:EUROPEAN PATENTS 1978-2007/ 200802
         (c) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120
         (c) 2007 WIPO/Thomson

Set     Items   Description
S1    1335718   REMOTE?? OR DISTAN??? OR REMOVED OR OFFSI
               E? OR ELSE()WHERE? ? OR FAROFF OR FARAWAY OI
               YING OR (OFF OR OUT)()LYING
S2      10838   FAR()(OFF OR AWAY)
S3     160765   (OFF OR INDEPENDENT? OR ANOTHER OR OTHER OR DIFFERENT)(2W)-
               (SITE? ? OR LOCATION? ? OR PLACE? ? OR LOCALE? ?)
S4      76592   S1:S3(5N)(DIAGNOS? OR DX? OR EVALUAT? OR SERVIC??? OR APPR-
               AIS? OR ASSESS???? OR ANALYS? OR ANALYZ? OR ANALYT? OR MAINTE-
               NANC? OR MAINTAIN? OR REPAIR???)
S5      84882   S1:S3(5N)(FIX??? OR INSPECT? OR MONITOR? OR TRACK? OR TROU-
               BLESHOOT? OR TROUBLESHOT? OR TROUBLE()(SHOOT? OR SHOT? ?) OR -
               TEST? ? OR TESTED OR TESTING OR DEBUG?)
S6          2   S1:S3(5N)DE()(BUG??? OR BUGG???)
S7      55541   (PROXY? OR INTERMEDIA? OR MEDIAT?)(5N)(INTERFAC??? OR CONN-
               ECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLIN-
               K?)
S8      97749   IPAQ? ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR
               PDA OR PDAS OR HANDSPRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR
                PALMTOP? ? OR PALM? ?
S9      22845   PALMONE? OR NEWTON? ? OR BLACKBERRY? OR TREO OR PALMSIZE? -
               OR PALMHELD?
S10      5771   (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?) OR
               POCKETPC? OR PENTOP? ?
S11     41623   PERSONAL()INFORMATION()MANAGER? OR PERSONAL()(DIGITAL OR D-
               ATA OR ENTERTAIN?)()(ASSISTANT? ? OR ORGANI?ER? ?)
S12     39216   ELECTRONIC()ORGANI?ER? ? OR DIGITAL()ASSISTANT?
S13    159038   (SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR
               WIRELESS? OR WIRE()LESS?? ? OR HANDHELD OR HAND()HELD OR POCK-
               ET OR IR OR INFRARED)(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER?
               ? OR DEVICE? ? OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI-
               ?ER? OR TERMINAL? OR APPLIANCE?)
S14        91   PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -
               APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -
               OR COMPUTER? ?)
S15     22563   PORTABLE()ELECTRONIC()DEVICE? ? OR PED  OR PEDS
S16    174200   NOTEBOOK? ? OR NOTE()BOOK? ? OR MININOTEBOOK? OR SUBNOTEBO-
               OK? OR NOTEPAD? ? OR THINKPAD? ? OR (NOTE OR THINK)()PAD? ? OR
                LAPTOP? ? OR TABLET? ?
S17      3279   LAP()TOP? ? OR LAP()TOP? ?
S18     51905   (PORTAB? OR TRANSPORTAB? OR MOBILE)(5N)(INTERFAC??? OR CON-
               NECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLI-
               NK?)
S19     54579   S1:S3(5N)(INSPECT? OR MONITOR? OR TRACK? OR TROUBLESHOOT? -
               OR TROUBLESHOT? OR TROUBLE()(SHOOT? OR SHOT? ?) OR TEST? ? OR
               TESTED OR TESTING OR DEBUG?)
S20       261   S7(50N)(S4 OR S6 OR S19)
S21        24   S20(50N)S8:S17
S22       435   S18(25N)(S4 OR S6 OR S19)
S23       242   S22(25N)S8:S17
S24       261   S21 OR S23
S25        31   S24 AND PY=1963:1999
S26        46   S24 AND (AC=US OR AC=US/PR) AND AY=1978:1999
S27        50   S25:S26
S28        50   IDPAT (sorted in duplicate/non-duplicate order)
S29        49   IDPAT (primary/non-duplicate records only)
? t29/5,k/21,27-28,47

 29/5,K/21     (Item 21 from file: 348)
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DIALOG(R)File 348:EUROPEAN PATENTS

00756971
Portable test and communication device
Tragbares Test- und Kommunikationsgerat
Appareil portatif de test et de communication
PATENT ASSIGNEE:
HARRIS CORPORATION, (313795), 1025 West NASA Blvd MS 53, Melbourne, FL 32919, (US), (Proprietor designated states: all)
INVENTOR:
Schillaci, Onofrio, 2134 Calaveras Drive, Camarillo, California 93010, (US)
Horton, Michael D., 215 East Summer, Ojai, California 93023, (US)
LEGAL REPRESENTATIVE:
van Berlyn, Ronald Gilbert (37011), 9 Cork Street, London W1S 3LL, (GB)
PATENT (CC, No, Kind, Date): EP 712228 A2 960515 (Basic)
EP 712228 A3 991124
EP 712228 B1 030910
APPLICATION (CC, No, Date): EP 95308135 951114;
PRIORITY (CC, No, Date): US 338916 941114
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IE; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS (V7): H04M-003/30; H04M-001/24
CITED PATENTS (EP B): US 4922516 A; US 4977399 A; US 4982325 A

ABSTRACT EP 712228 A2
A portable communications unit contains both wireless and wireline communication capability, through a selected a test system of a telephone office, which responds to commands supplied over established communication path communication unit with information for a test head that is connectable to a subscriber line. The communications unit has a contact-sensitive visual display, which converts touch inputs into control signals that are transmitted to the test system and through which information associated with the operation of the test system is presented to the user. The user's communication unit is operative, in response to a user's request for the establishment of a communication path between the communications unit and the test system for wireless communication with the telephone office. If the wireless path is unavailable, a message is displayed instructing the user to use a wireline path. (see image in original document)
ABSTRACT WORD COUNT: 160
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	000719 A2	Date of request for examination: 20000524
Application:	960515 A2	Published application (A1with Search Report ;A2without Search Report)
Lapse:	041110 B1	Date of lapse of European Patent in a contracting state (Country, date): AT 20030910, BE 20030910, ES 20031221, NL 20030910, SE 20031210,
Oppn None:	040901 B1	No opposition filed: 20040614
Lapse:	040414 B1	Date of lapse of European Patent in a contracting state (Country, date): AT 20030910, NL 20030910, SE 20031210,
Lapse:	040324 B1	Date of lapse of European Patent in a contracting state (Country, date): NL 20030910,
Examination:	021113 A2	Date of dispatch of the first examination report: 20020927
Grant:	030910 B1	Granted patent
Lapse:	040331 B1	Date of lapse of European Patent in a contracting state (Country, date): AT 20030910, NL 20030910,

Lapse: 040707 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 20030910, BE 20030910, NL 20030910, SE 20031210,
Oppn None: 040901 B1 No opposition filed: 20040614
Change: 991124 A2 International Patent Classification changed: 19991007
Search Report: 991124 A3 Separate publication of the search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1870
CLAIMS B	(English)	200337	1074
CLAIMS B	(German)	200337	911
CLAIMS B	(French)	200337	1251
SPEC A	(English)	EPAB96	4009
SPEC B	(English)	200337	4672
Total word count - document A			5881
Total word count - document B			7908
Total word count - documents A + B			13789

...SPECIFICATION the provision of a communications control mechanism resident in and employed by a craftsperson's **portable** test/communications **device** for selectively establishing either a wireless or wireline communication path between the **portable** **test** /communications **device** and a **remote** telephone network facility. Reference is made to prior art document US-A-4982235, which relates...

...a central database in a system, such as, for example, a Craft Access System, without **interfacing** with an **intermediate** center such as, for example, a centralized Repair Service Bureau and its personnel. An Applications...

29/5,K/27 (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00766326 **Image available**
VEHICULAR TELEMETRY
TELEMETRIE POUR POSTES MOBILES
Patent Applicant/Assignee:
PAXGRID TELEMETRIC SYSTEMS INC, 29 Southvale Drive, Toronto, Ontario M4G 1G1, CA, CA (Residence), CA (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
NATHANSON Martin, 29 Southvale Drive, Toronto, Ontario M4G 1G1, CA, CA (Residence), CA (Nationality), (Designated only for: US)
NADER Frederick, 28382 Harwich, Farmington Hills, MI 48334, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
BROWN Peter (et al) (agent), McCarthy Tetrault, P.O. Box 48, TD Bank Tower, TD Centre, Toronto, Ontario M5K 1E6, CA,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200079727 A2-A3 20001228 (WO 0079727)
Application: WO 2000CA712 20000619 (PCT/WO CA0000712)
Priority Application: US 99139573 19990617; US 99148270 19990811; US 2000187022 20000306; US 2000556289 20000424
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04L-012/28
International Patent Class (v7): H04L-012/56; H04Q-007/38
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 17869

English Abstract
The present invention provides a system for reporting on-board diagnostic data from mobile vehicles to regulatory agencies whose mandate it is to ensure compliance with environmental emissions and safety standards. The system comprises three (3) principal components: (i) an enhanced Hybrid Network Radio, enabled for both IEEE 802 wireless LAN connectivity and Mobile IP; (ii) an IEEE 802 Access Point, configured as an IPv6 Router and enabled for Mobile IP to support the functionality of foreign mobility agent; and (iii) a "cluster intelligence" module, incorporated in the same mobile device as the Hybrid Network Radio, using the Automotive Telemetry Protocol (ATP) to enable vehicles to exchange telemetry data with each other over an ad-hoc IEEE 802.11 network.

French Abstract
L'invention concerne un systeme pour signaler des donnees de diagnostic embarquees, a partir de vehicules en deplacement, a des organismes de reglementation mandatees pour assurer la conformite aux normes d'emissions et de securite de l'environnement. Le systeme comprend trois composants principaux : (I) une radio a reseau hybride perfectionnee, prevue a la fois pour une connectivite LAN sans fil IEEE 802 et un Mobile IP ; (ii) un point d'acces IEEE 802, configure comme achemineur IPv6 et permettant au Mobile IP de supporter la fonctionnalite d'un agent de mobilite etranger ; et (iii) un module d'<= intelligence d'agregat >=, incorpore au memedispositif mobile que la radio a reseau hybride, utilisant le protocole de telemetrie automobile (ATP) pour permettre aux vehicules d'echanger entre eux des donnees telemetriques sur un reseau IEEE 802.11 approprie.

Legal Status (Type, Date, Text)
Publication 20001228 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010322 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20010809 Late publication of international search report
Republication 20010809 A3 With international search report.

Fulltext Availability:
Detailed Description

Detailed Description
... platform is required to host all of the required protocols and to provide the data **links** for **portable devices** trving to **connect** to the Mobility Agent. In order to support the SAE **diagnostic test** modes in the **remote** fashion described herein. the server contains all of the components which will also allow it...

29/5,K/28 (Item 28 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00759174 **Image available**

FACILITY-WIDE COMMUNICATION SYSTEM AND METHOD
SYSTEME DE COMMUNICATION A L'ECHELLE D'UN SITE

Patent Applicant/Assignee:
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Inventor(s):
MEIKSIN Zvi H, 1900 Mulhatton Street, Pittsburgh, PA 15217, US,
PETRUS T Brad, 814 Deely Street, Pittsburgh, PA 15217, US,
KILGORE Robert J, 1762 McMillan Road, Pittsburgh, PA 15241, US,
Legal Representative:
PARK Eunhee (et al) (agent), Baker & McKenzie, 805 Third Avenue, New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200072606 A2-A3 20001130 (WO 0072606)
Application: WO 2000US14402 20000525 (PCT/WO US0014402)
Priority Application: US 99135765 19990525
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): H04N-007/173
International Patent Class (v7): H04L-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 17472

English Abstract
A method and system for communication within an energy-transmission-limited environment. RF transceivers (104) throughout the site (100) are located site-wide such that areas within the site in which communications are desired are within range of at least one of the RF transceivers (104). At each location RF transceivers (104) are connected to a control unit (101). The control unit provides power to the transceivers and allows bi-directional communication of audio/voice and/or digital information. The control units may be networked to each other using standard network type category-5 or equivalent cables (109) and may communicate to one another via the network connection. The control units may also be networked via an alternate current powerline by using an alternating current modem (1702). The transceiver of the present invention utilizes single sideband modulators (1503) to modulate voice and/or digital signals. The signals are demodulated and filtered at a receiving end of the transceiver (1515). A comb filter (1508) attenuates noisy signals with drifting harmonics.

French Abstract
L'invention concerne un procede et un systeme destines a la communication dans un environnement limitant la transmission d'energie. Des emetteurs-recepteurs RF disposes a travers du site sont places de maniere a ce que les zones a couvrir par le systeme de communication se trouver a la portee d'au moins un des emetteurs-recepteurs RF. A chaque endroit, les emetteurs-recepteurs RF sont connectes a une unite de commande. L'unite de commande alimente les emetteurs-recepteurs et permet la communication bidirectionnelle d'informations audio/vocales et/ou numeriques. Les unites de commande peuvent etre reliees en reseau au moyen de cables standard pour reseau de categorie 5 ou de cables

equivalents; elles communiquent entre elles a travers une connexion reseau. Les unites de commande peuvent aussi etre reunies en reseau a travers une ligne sous tension a courant alternatif au moyen d'un modem a courant alternatif. L'emetteur-recepteur de la presente invention utilise des modulateurs a bande laterale unique pour moduler les signaux vocaux et/ou numeriques. Les signaux sont demodules et filtres a l'extremite de reception de l'emetteur-recepteur. Un filtre en peigne attenue le bruit au moyen d'harmoniques derivantes.

Legal Status (Type, Date, Text)
Publication 20001130 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20010426 Late publication of international search report
Republication 20010426 A3 With international search report.
Examination 20010816 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description
... 1705 is also provided to interface the powerline communications module to a data device or **portable computer** . Having such a **connection** , for example, enables various production machinery which has an RS-232 port to be **monitored** or controlled **remotely** within the facility. Conductors 1710 provide the connections between the interface module 1701 and the...

29/5,K/47 (Item 47 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00282676
AUTOMATED METER INSPECTION AND READING
CONTROLE ET LECTURE AUTOMATISES DE COMPTEUR
Patent Applicant/Assignee:
NEW JERSEY INSTITUTE OF TECHNOLOGY,
PUBLIC SERVICE ELECTRIC AND GAS COMPANY,
Inventor(s):
LUBLINER David J,
DHALIWAL Jaskaran,
GIDNEY John,
GORE Gerald E,
GREENFEDER Jack J,
GREENFELD Joshua,
HINTON Melvin C,
McHUGH William,
PARSIO Anthony,
RINTEL Ian,
ROMAN Harry T,
VOGELAAR Jake,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9500822 A1 **19950105**
Application: WO 94US6919 19940617 (PCT/WO US9406919)
Priority Application: US 9384458 19930628
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BB BG BR BY CA CN CZ FI HU JP KE KP KR KZ LK LV MG MN MW NO NZ PL RO RU SD SI SK TT UA UZ VN AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): G01D-005/39
Publication Language: English

Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8540

English Abstract
A method and device, including a portable embodiment, for the automated inspection of devices having different visual changeable and non-changeable indicia on the faces thereof. Specific devices include meters, particularly electric usage meters, for detection of tampering, for improving efficiency of maintenance procedures and for usage in reading the meters for billing purposes. Meters of various heights, configuration and construction are fixed into designated positions and are inspected by visual computer-linked camera scanning, to determine meter periphery and a location reference point, and imaging of identifying portions of meter faces relative to the determined location reference point. The identifying portions are compared with correlative templates of existing meter types, stored in computer memory. Identification of specific meter types permits exact location and subsequent OCR identification of the specific meter number (with use history) and parameters (voltage, amperage, wire connections, etc.) for preparation of an operability-inspection station. Meter dial needle positions are read by light scanning of respective determined dial positions, and imaging of connected dark pixels, indicating needle location. A slope determination fixes the reading of the dial, which is used for billing purposes. Adjacent dial needles are in a predetermined relative position with deviations therefrom indicating tampering. Numeral meter readings are OCR scanned for billing purposes.

French Abstract
L'invention concerne un procede et un dispositif, comprenant un mode de realisation portable, de controle automatise de dispositifs presentant sur leurs faces differents indices visuels changeables et non changeables. Lesdits dispositifs comprennent des compteurs, et plus particuliement des compteurs de consommation electrique, permettant de detecter toute tentative de manipulation frauduleuse, d'ameliorer l'efficacite des procedures d'entretien et de relever les compteurs a des fins de facturation. Des compteurs de differentes hauteurs, configurations et constructions sont fixes dans des positions designees, sont controles par balayage visuel au moyen d'une camera reliee a un ordinateur de maniere a determiner la peripherie du compteur et un point d'emplacement reference, et par imagerie des parties d'identification des faces de compteurs par rapport audit point d'emplacement de reference determine. Lesdites parties d'identification sont comparees a des grilles de donnees correlatives des types de compteurs existants stockees en memoire. L'identification des types de compteurs specifiques permet la localisation exacte et l'identification ROC ulterieure du nombre de compteurs specifiques (a l'aide de l'historique d'utilisation) et des parametres (tension, amperage, connexions etc.) pour la preparation d'une station de controle d'exploitabilite. Les positions des aiguilles de cadran des compteurs sont lues par balayage optique des positions des cadrans determines respectifs et par imagerie de pixels d'obscurite raccordes, indiquant la position des aiguilles. Une evaluation de pente fixe la lecture du cadran utilise pour la facturation. Les aiguilles de cadran adjacentes sont dans une position realtive predeterminee, les ecarts par rapport a cette derniere indiquant une manipulation frauduleuse. Les lectures de compteurs numeriques sont balayees par ROC a des fins de facturation.

Patent and Priority Information (Country, Number, Date):
  Patent: ... 19950105
Fulltext Availability:
  Detailed Description
Publication Year: 1995

Detailed Description
... by
means of a transportable (e.g., in a van) testing station
to which the **portable device** is **linked** . Transport to a
remote testing site and return, is minimized, with
5 reduction of both meter down-time and transport...

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File   2:INSPEC 1898-2007/Dec W2
         (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2008/Jan W2
         (c) 2008 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1884-2007/Dec W4
         (c) 2007 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2008/Jan W2
         (c) 2008 The Thomson Corp
File  35:Dissertation Abs Online 1861-2007/Oct
         (c) 2007 ProQuest Info&Learning
File  65:Inside Conferences 1993-2008/Jan 10
         (c) 2008 BLDSC all rts. reserv.
File  95:TEME-Technology & Management 1989-2008/Dec W!
         (c) 2008 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2007/Nov
         (c) 2007 The HW Wilson Co.
File 144:Pascal 1973-2007/Dec W2
         (c) 2007 INIST/CNRS
File 256:TecInfoSource 82-2008/Sep
         (c) 2008 Info.Sources Inc
File 266:FEDRIP 2007/Oct
         Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File  56:Computer and Information Systems Abstracts 1966-2008/Dec
         (c) 2008 CSA.
File  60:ANTE: Abstracts in New Tech & Engineer 1966-2008/Dec
         (c) 2008 CSA.

Set     Items   Description
S1    2089229   REMOTE?? OR DISTAN??? OR REMOVED OR OFFSITE? ? OR ELSEWHER-
            E? OR ELSE()WHERE? ? OR FAROFF OR FARAWAY OR OFFLYING OR OUTL-
            YING OR (OFF OR OUT)()LYING
S2      12856   FAR()(OFF OR AWAY)
S3     149906   (OFF OR INDEPENDENT? OR ANOTHER OR OTHER OR DIFFERENT)(2W)-
            (SITE? ? OR LOCATION? ? OR PLACE? ? OR LOCALE? ?)
S4     125169   S1:S3(5N)(DIAGNOS? OR DX? OR EVALUAT? OR SERVIC??? OR APPR-
            AIS? OR ASSESS???? OR ANALYS? OR ANALYZ? OR ANALYT? OR MAINTE-
            NANC? OR MAINTAIN? OR REPAIR???)
S5      76352   S1:S3(5N)(FIX??? OR INSPECT? OR MONITOR? OR TRACK? OR TROU-
            BLESHOOT? OR TROUBLESHOT? OR TROUBLE()(SHOOT? OR SHOT? ?) OR -
            TEST? ? OR TESTED OR TESTING OR DEBUG?)
S6          1   S1:S3(5N)DE()(BUG??? OR BUGG???)
S7      18162   (PROXY? OR INTERMEDIA? OR MEDIAT?)(5N)(INTERFAC??? OR CONN-
            ECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLIN-
            K?)
S8      91332   IPAQ? ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR
            PDA OR PDAS OR HANDSPRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR
             PALMTOP? ? OR PALM? ?
S9      90011   PALMONE? OR NEWTON? ? OR BLACKBERRY? OR TREO OR PALMSIZE? -
            OR PALMHELD?
S10      3359   (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?) OR
            POCKETPC? OR PENTOP? ?
S11     10241   PERSONAL()INFORMATION()MANAGER? OR PERSONAL()(DIGITAL OR D-
            ATA OR ENTERTAIN?)()(ASSISTANT? ? OR ORGANI?ER? ?)
S12     10102   ELECTRONIC()ORGANI?ER? ? OR DIGITAL()ASSISTANT?
S13    112828   (SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR
            WIRELESS? OR WIRE()LESS?? ? OR HANDHELD OR HAND()HELD OR POCK-
            ET OR IR OR INFRARED)(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER?
            ? OR DEVICE? ? OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI-
            ?ER? OR TERMINAL? OR APPLIANCE?)
S14         9   PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -
            APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -
```

NPL abstracts

```
            OR COMPUTER? ?)
S15      65624   PORTABLE()ELECTRONIC()DEVICE? ? OR PED  OR PEDS
S16      87872   NOTEBOOK? ? OR NOTE()BOOK? ? OR MININOTEBOOK? OR SUBNOTEBO-
            OK? OR NOTEPAD? ? OR THINKPAD? ? OR (NOTE OR THINK)()PAD? ? OR
             LAPTOP? ? OR TABLET? ?
S17        595   LAP()TOP? ? OR LAP()TOP? ?
S18      27994   (PORTAB? OR TRANSPORTAB? OR MOBILE)(5N)(INTERFAC??? OR CON-
            NECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLI-
            NK?)
S19         51   S4:S6 AND S7
S20          3   S19 AND S8:S17
S21        388   S18 AND S4:S6
S22        150   S21 AND S8:S17
S23        151   S20 OR S22
S24        108   S23/2000:2007
S25         43   S23 NOT S24
S26         32   RD  (unique items)

 26/7/6     (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05269016   INSPEC Abstract Number: B9212-6210J-001, C9212-5620-035
 Title:  Remote   troubleshooting  hits the efficiency mark
  Author(s): Smith, T.
  Author  Affiliation: Hewlett Packard Network Test Div., Colorado Springs,
CO, USA
  Journal: Telephony    vol.223, no.11    p.30-1, 34, 36
  Publication Date: 14 Sept. 1992  Country of Publication: USA
  CODEN: TLPNAS  ISSN: 0040-2656
  Language: English    Document Type: Journal Paper (JP)
  Treatment: Applications (A); Practical (P)
  Abstract:  Remote   troubleshooting  is one method of resolving network
failures. It allows a customer to access the knowledge and skill of a
datacom expert using a modem, WAN or LAN  links . Desktop or  portable
 computers  and protocol  analysers  can also be used.  Remote
 troubleshooting  software allows a PC to mimic both the display and
keyboard of the protocol analyzer. The software also allows the PC operator
to control the protocol analyzer. On-site local personnel can then monitor
the troubleshooting process.  (0 Refs)
  Subfile: B C


 26/7/8     (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

04312850   INSPEC Abstract Number: B89018727
 Title: A narrow-band multi-channel access system
  Author(s): Kawabata, T.; Nakano, T.
  Journal: Mitsubishi Denki Giho    vol.62, no.9    p.64-9
  Publication Date: 1988  Country of Publication: Japan
  CODEN: MTDNAF  ISSN: 0369-2302
  Language: Japanese    Document Type: Journal Paper (JP)
  Treatment: Applications (A); Practical (P)
  Abstract: The Corporation has developed a narrow-band multi-channel
access (MCA) system that complies with the revised standards adopted by the
Japanese Ministry of Posts and Telecommunications in April 1987. The system
consists of control-station radio equipment,  mobile  radiotelephone  units
, and command stations. The control-station radio equipment employs
narrower bands to increase the channel capacity, and enlarges the
communication time, etc. It is equipped with  remote  monitor  and control
station equipment and repeater-station equipment. The  remote  monitor
and control-station equipment have functions to supervise and control the
repeater-station equipment using a CRT and keyboard for the man-machine
```

interface by either cable or radio **links** . The **mobile** radiotelephone **units** feature additional functions and more convenient operation than the previous MCA units. (1 Refs)
Subfile: B

26/7/12 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS

0905204 NTIS Accession Number: AD-A100 473/8/XAB
Combined Quarterly Technical Report Number 21. SATNET Development and Operation. Pluribus Satellite IMP Development. Remote **Site** Maintenance . **Internet Development.** Mobile **Access** Terminal **Network. TCP for the HP3000. TCP-TAC. TCP for VAX-UNIX**
(Rept. for 1 Feb-30 Apr 81)
Bressler, R. D.
Bolt Beranek and Newman, Inc., Cambridge, MA.
Corp. Source Codes: 004246000; 060100
Report No.: BBN-4679
May 81 70p
Languages: English
Journal Announcement: GRAI8121
Sponsored in part by Contracts MDA903-80-C-0214, N00039-79-C-0386, N00039-80-C-0664 and N00039-80-C-0408.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A04/MF A01
Country of Publication: United States
Contract No.: MDA903-80-C-0353; N00039-78-C-0405
This Quarterly Technical Report describes work on the development of and experimentation with packet broadcast by satellite; on development of Pluribus Satellite IMPs; on a study of the technology of **Remote** Site **Maintenance** ; on the development of Inter-network monitoring; on shipboard satellite communications; and on the development of Transmission control protocols for the HP3000, TAC, and VAX-UNIX. (Author)

```
File 696:DIALOG Telecom. Newsletters 1995-2008/Jan 11
         (c) 2008 Dialog
File   9:Business & Industry(R) Jul/1994-2008/Jan 11
         (c) 2008  The Gale Group
File  15:ABI/Inform(R) 1971-2008/Jan 10
         (c) 2008 ProQuest Info&Learning
File 141:Readers Guide 1983-2007/Oct
         (c) 2007 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2008/Jan W1
         (c) 2008 ProQuest
File 553:Wilson Bus. Abs. 1982-2008/Jan
         (c) 2008 The HW Wilson Co
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2008/Jan 11
         (c) 2008 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2008/Jan 10
         (c) 2008 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2008/Jan 10
         (c) 2008 Business Wire.
File 369:New Scientist 1994-2007/Sep W4
         (c) 2007 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File  16:Gale Group PROMT(R) 1990-2008/Jan 03
         (c) 2008 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2008/Jan 07
         (c) 2008 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2008/Dec 28
         (c)2008 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2008/Jan 10
         (c) 2008 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Dec 31
         (c) 2008 The Gale Group
File 624:McGraw-Hill Publications 1985-2008/Jan 11
         (c) 2008 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2008/Jan 10
         (c) 2008 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2008/Jan 10
         (c) 2008 The Gale Group
File 647:CMP  Computer Fulltext 1988-2008/Dec W4
         (c) 2008 CMP Media, LLC
File 674:Computer News Fulltext 1989-2006/Sep W1
         (c) 2006 IDG Communications

Set     Items   Description
S1    4808567   REMOTE?? OR DISTAN??? OR REMOVED OR OFFSITE? ? OR ELSEWHER-
             E? OR ELSE()WHERE? ? OR FAROFF OR FARAWAY OR OFFLYING OR OUTL-
             YING OR (OFF OR OUT)()LYING
S2     136671   FAR()(OFF OR AWAY)
S3     775718   (OFF OR INDEPENDENT? OR ANOTHER OR OTHER OR DIFFERENT)(2W)-
             (SITE? ? OR LOCATION? ? OR PLACE? ? OR LOCALE? ?)
S4     733549   S1:S3(5N)(DIAGNOS? OR DX? OR EVALUAT? OR SERVIC??? OR APPR-
             AIS? OR ASSESS???? OR ANALYS? OR ANALYZ? OR ANALYT? OR MAINTE-
             NANC? OR MAINTAIN? OR REPAIR???)
S5     214738   S1:S3(5N)(FIX??? OR INSPECT? OR MONITOR? OR TRACK? OR TROU-
             BLESHOOT? OR TROUBLESHOT? OR TROUBLE()(SHOOT? OR SHOT? ?) OR -
             TEST? ? OR TESTED OR TESTING OR DEBUG?)
S6           6   S1:S3(5N)DE()(BUG??? OR BUGG???)
S7      28779   (PROXY? OR INTERMEDIA? OR MEDIAT?)(5N)(INTERFAC??? OR CONN-
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             ECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLIN-
             K?)
S8      914812   IPAQ? ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR
             PDA OR PDAS OR HANDSPRING? ? OR PIM OR PIMS OR PALMPILOT? ? OR
              PALMTOP? ? OR PALM? ?
S9      268518   PALMONE? OR NEWTON? ? OR BLACKBERRY? OR TREO OR PALMSIZE? -
             OR PALMHELD?
S10      44698   (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?) OR
             POCKETPC? OR PENTOP? ?
S11     131119   PERSONAL()INFORMATION()MANAGER? OR PERSONAL()(DIGITAL OR D-
             ATA OR ENTERTAIN?)()(ASSISTANT? ? OR ORGANI?ER? ?)
S12     121750   ELECTRONIC()ORGANI?ER? ? OR DIGITAL()ASSISTANT?
S13    1093831   (SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR
             WIRELESS? OR WIRE()LESS?? ? OR HANDHELD OR HAND()HELD OR POCK-
             ET OR IR OR INFRARED)(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER?
             ? OR DEVICE? ? OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI-
             ?ER? OR TERMINAL? OR APPLIANCE?)
S14        115   PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -
             APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -
             OR COMPUTER? ?)
S15      12881   PORTABLE()ELECTRONIC()DEVICE? ? OR PED  OR PEDS
S16    1041357   NOTEBOOK? ? OR NOTE()BOOK? ? OR MININOTEBOOK? OR SUBNOTEBO-
             OK? OR NOTEPAD? ? OR THINKPAD? ? OR (NOTE OR THINK)()PAD? ? OR
              LAPTOP? ? OR TABLET? ?
S17       8159   LAP()TOP? ? OR LAP()TOP? ?
S18     176256   (PORTAB? OR TRANSPORTAB? OR MOBILE)(5N)(INTERFAC??? OR CON-
             NECT???? OR CONNECTIV? OR LINK??? OR INTERCONNECT? OR INTERLI-
             NK?)
S19        420   S4:S6(S)S7
S20          8   S19(S)S8:S17
S21       3216   S18(S)S4:S6
S22        675   S21(S)S8:S17
S23        565   S22 NOT (GPS OR VEHIC? OR FIXED(1W)(LOCATION? OR RADIO? ?))
S24        573   S20 OR S23
S25        431   S24/2000:2007
S26        142   S24 NOT S25
S27         99   RD  (unique items)
S28         83   S27 NOT (SATELLITE? OR REMOTE()PROCEDURE?()CALL? ?)
? t28/3,k/39,52,60,63

 28/3,K/39     (Item 11 from file: 16)
DIALOG(R)File  16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

03042785    Supplier Number: 44138042  (USE FORMAT 7 FOR FULLTEXT)
U.S. Congress Buys Radcom Product
Israel Business Today, v7, n347, pN/A
Oct 1, 1993
Language:  English    Record Type:  Fulltext
Document Type: Magazine/Journal; General Trade
Word Count:   169

     The RC-100 can keep  track  of data sent over long  distances  in
computer communications networks,  analyze  the state of the networks and
warn users about errors that may occur. The device is  portable  and can be
 connected  to the network at one end and to any PC at the other end. The
...

...network when the RC-100 is plugged in. The device can be plugged into a
notebook  computer even when it is dealing with a high-capacity computer
network in which 2 megabytes per second are being transferred. A user can
therefore carry a  notebook  computer and the RC-100 to perform tests on
the network in locations where there...
```

28/3,K/52 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2008 The Gale Group. All rts. reserv.

06772382 SUPPLIER NUMBER: 14297553 (USE FORMAT 7 OR 9 FOR FULL TEXT)
U.S. Congress buys Radcom product. (Radcom's RC-100, data base management system)
Israel Business Today, v7, n347, p5(1)
Oct 1, 1993
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 185 LINE COUNT: 00013

... network when the RC-100 is plugged in. The device can be plugged into a **notebook** computer even when it is dealing with a high-capacity computer network in which 2 megabytes per second are being transferred. A user can therefore carry a **notebook** computer and the RC-100 to perform tests on the network in locations where there...

28/3,K/60 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

03881782 Supplier Number: 48484871 (USE FORMAT 7 FOR FULLTEXT)
-XCELLENET: Utility service company Lowri beck implements XcelleNet's RemoteWare
M2 Presswire, pN/A
May 15, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1090

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...XcelleNet's RemoteWareO systems management solution. Remote Ware has been installed on more than 100 **handheld devices** to manage communication sessions and software upgrades for their nation-wide field force. Lowri Beck...

...Lowri Beck Group has its head offices in Congleton, Cheshire and regional offices in Livingston, **Newton** Aycliffe and Crawley. Lowri Beck Technology Ltd specialises in software for remote terminals. The LBE...

...head office, distributed back to the utility suppliers and new jobs are downloaded to the **mobile** operatives. The **interface** between the server and the numerous clients is entirely managed by XcelleNet's RemoteWare systems...

...by data entry operatives. Currently 50% of our work is carried out using RemoteWare and **hand held terminals** ".. Using RemoteWare's extensive logging capabilities, Lowri Beck can now centrally **monitor** the **remote** operatives dial-up sessions and manage software upgrades dynamically without the need for the user...

28/3,K/63 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

03226942 Supplier Number: 46616610 (USE FORMAT 7 FOR FULLTEXT)
AST: Cable and wireless FlightLink takes off with AST
M2 Presswire, pN/A
August 9, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade

Word Count: 534

... high screen resolution, flexible features and multimedia capabilities."

CWFL, purchased four high-powered AST Ascentia **notebooks** , for use by, its key mobile staff. The Ascentias enable certain staff to download valuable information from an aircraft's cabin telecommunications unit (CTU) and carry out **remote troubleshooting** tasks - such as pinpointing any malfunctioning phones - using dedicated Windows software. Additionally, the Ascentias can be **linked** to **mobile** phones using PCMCIA cards, providing mobile CWFL staff with faxing capabilities. All Ascentias are equipped...

File 347:JAPIO Dec 1976-2007/Jul(Updated 071031)
(c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200802
(c) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120
(c) 2007 WIPO/Thomson
File 350:Derwent WPIX 1963-2008/UD=200802
(c) 2008 The Thomson Corporation

Applicant

Set	Items	Description
S1	476	AU=(KENNEDY R? OR KENNEDY, R?)
S2	17609	REMOTE??(5N)SERVIC???
S3	2	S1 AND S2

? t3/6/1

3/6/1 (Item 1 from file: 349)
00944281 **Image available**
SYSTEM AND METHOD FOR EYE SCREENING
SYSTEME ET PROCEDE DE DEPISTAGE OCULAIRE
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8690
Publication Year: 2002
? t3/5/2

3/5/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0013704746 - Drawing available
WPI ACC NO: 2003-801884/200375
XRPX Acc No: N2003-642599
Portable electronic device e.g. digital camera, has Bluetooth-enabled transceiver which wirelessly transmits captured images to remote storage device through intermediate electronic device
Patent Assignee: KENNEDY R (KENN-I)
Inventor: **KENNEDY R**
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030157960	A1	20030821	US 200280999	A	20020220	200375 B

Priority Applications (no., kind, date): US 200280999 A 20020220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030157960	A1	EN	8	2	

Alerting Abstract US A1
NOVELTY - The portable electronic device e.g. digital camera (75) has a Bluetooth-enabled transceiver (230) which wirelessly transmits captured images to a remote storage device (100) e.g. remote file server through an intermediate electronic device e.g. cellular telephone (50), automatically.
DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.cellular telephone;

2.portable computer;

3.system for remote data storage and retrieval; and

4.method for remote data storage and retrieval.

USE - Portable electronic device e.g. digital camera, voice recorder and medical diagnostic equipment, which transmits captured images to remote storage devices such as home-based computer, remote file server , application service provider and mass storage device e .g. hard disk drive and writable compact disk - read only memory (CD-ROM), through intermediate electronic device e.g. cell phone (claimed), portable computer (claimed) and pocket personal computer (PC).

ADVANTAGE - Since images in the portable electronic device are transmitted to remote storage device automatically, the need for carrying extra memory cards by user is eliminated and the reliance on the local memory of the portable electronic device is reduced.

DESCRIPTION OF DRAWINGS - The figure shows an explanatory view of image transfer between the Bluetooth-enabled digital camera and remote server.

50 cellular phone
75 digital camera
100 remote server
230 Bluetooth-enabled transceiver
130 cellular network
120 internet

Title Terms/Index Terms/Additional Words: PORTABLE; ELECTRONIC; DEVICE; DIGITAL; CAMERA; ENABLE; TRANSCEIVER; TRANSMIT; CAPTURE; IMAGE; REMOTE; STORAGE; THROUGH; INTERMEDIATE

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
H04M-0001/725 A I R 20060101
H04M-0001/72 C I R 20060101
US Classification, Issued: 455556000, 455557000, 455041000

File Segment: EPI;
DWPI Class: S05; T01; W01; W02; W04
Manual Codes (EPI/S-X): S05-G02G; T01-C03C; T01-M06A1A; W01-A07H2A; W01-C01D3C; W02-F07M; W04-M01B1; W04-M01D8
?

STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact ***the EIC searcher or contact:***

Alyson Dill, EIC 2100 Team Leader
272-3527, RND 4B28

Voluntary Results Feedback Form

- *I am an examiner in Workgroup:* ☐ *Example: 2133*
- *Relevant prior art **found**, search results used as follows:*
  - ☐ 102 rejection
  - ☐ 103 rejection
  - ☐ Cited as being of interest.
  - ☐ Helped examiner better understand the invention.
  - ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
  (Journal articles, conference proceedings, new product announcements etc.)

- *Relevant prior art **not found:***
  - ☐ Results verified the lack of relevant prior art (helped determine patentability).
  - ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND 4B28